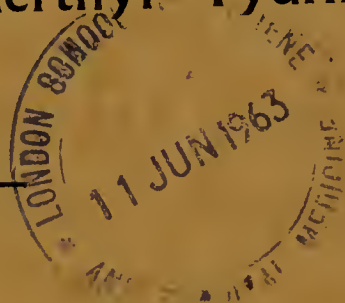


County Borough of Merthyr Tydfil



# PUBLIC HEALTH

## 1955

T. H. STEPHENS, M.B., CH.B., D.P.H.

Medical Officer of Health





County Borough of Merthyr Tydfil

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# PUBLIC HEALTH 1955



T. H. STEPHENS, M.B., CH.B., D.P.H.

Medical Officer of Health

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## COUNTY BOROUGH OF MERTHYR TYDFIL.

**Department of Public Health,  
Town Hall,  
MERTHYR TYDFIL.**

*To the Mayor, Aldermen and Councillors of the County  
Borough of Merthyr Tydfil.*

*Mr. Mayor, Ladies and Gentlemen,*

I have the honour to present my Annual Report on the health of the County Borough of Merthyr Tydfil for the year 1955.

It is a remarkable coincidence that the Birth and Death Rates are identical—14.31 per thousand of the population, there being 857 deaths and a similar number of births registered during the year.

I have great pleasure in reporting a spectacular decrease in the Infantile Mortality Rate. This has caused me considerable concern during the last ten years because it compared very unfavourably with the remainder of the country. For this reason the Consultant Paediatrician, Dr. F. W. Nash, and I inaugurated a comprehensive investigation concerning every child born in this County Borough during the year 1955. Dr. Nash is continuing a follow-up survey of these children and I hope to publish some of his conclusions in my report for 1956. The Infantile Mortality Rate for the year was 29.17 compared with 47.73 in the previous year—a drop of practically 50%. It is still slightly above the national average. There has been a great drop in the Still-Birth Rate which has always been excessively high in this County Borough. The rate was 33.82 compared with 42.4 in 1954 but this is still very much above the national average.

The attention of Local Authorities was drawn to "The Prevention of Break-up of Families" in Circular 27/54 (Wales). The Health Visitors, naturally, are well aware of these problems and a considerable amount of unobtrusive work directed towards helping and guiding these families has been done. Apart from those known through the normal visits on the districts other sources of information include the Sanitary Inspectors, the Inspector of the N.S.P.C.C. ; the Welfare Departments; School Attendance Officers ; Children's Officer and others associated with this type of work. I did not think it was necessary to appoint a special person for this work because, as I have stated, the Health Visitors are the people who know the difficult families in their own districts. Considerable use was made of the Psychiatric Services and Child Guidance Clinic for families and individuals.

The work of the Home Nursing Service continues to increase and it is staffed by an extremely hard-working and conscientious group of nurses. There has been a great increase in the number

and variety of injections which the nurses are asked to give and the general practitioners have been co-operative. There have been instances, however, in one or two cases where doctors were calling upon the nurses in the evenings where they could easily have given the injections themselves.

A notable addition to the Welfare Services of this County Borough was the opening of Pentrebach House as a Home for Aged Men. This mansion which provides accommodation for 32 male residents was for many years the home of colliery agents in this area and is situated on the main Merthyr to Cardiff road, in very pleasant grounds. The place is well equipped with rest room facilities, kitchen and dining rooms, etc., and the meals are served at small tables seating four persons. The official Opening was performed on 5th March, 1955, by the Mayor, Councillor M. Osborne. It is hoped shortly to open a similar home at Quakers' Yard.

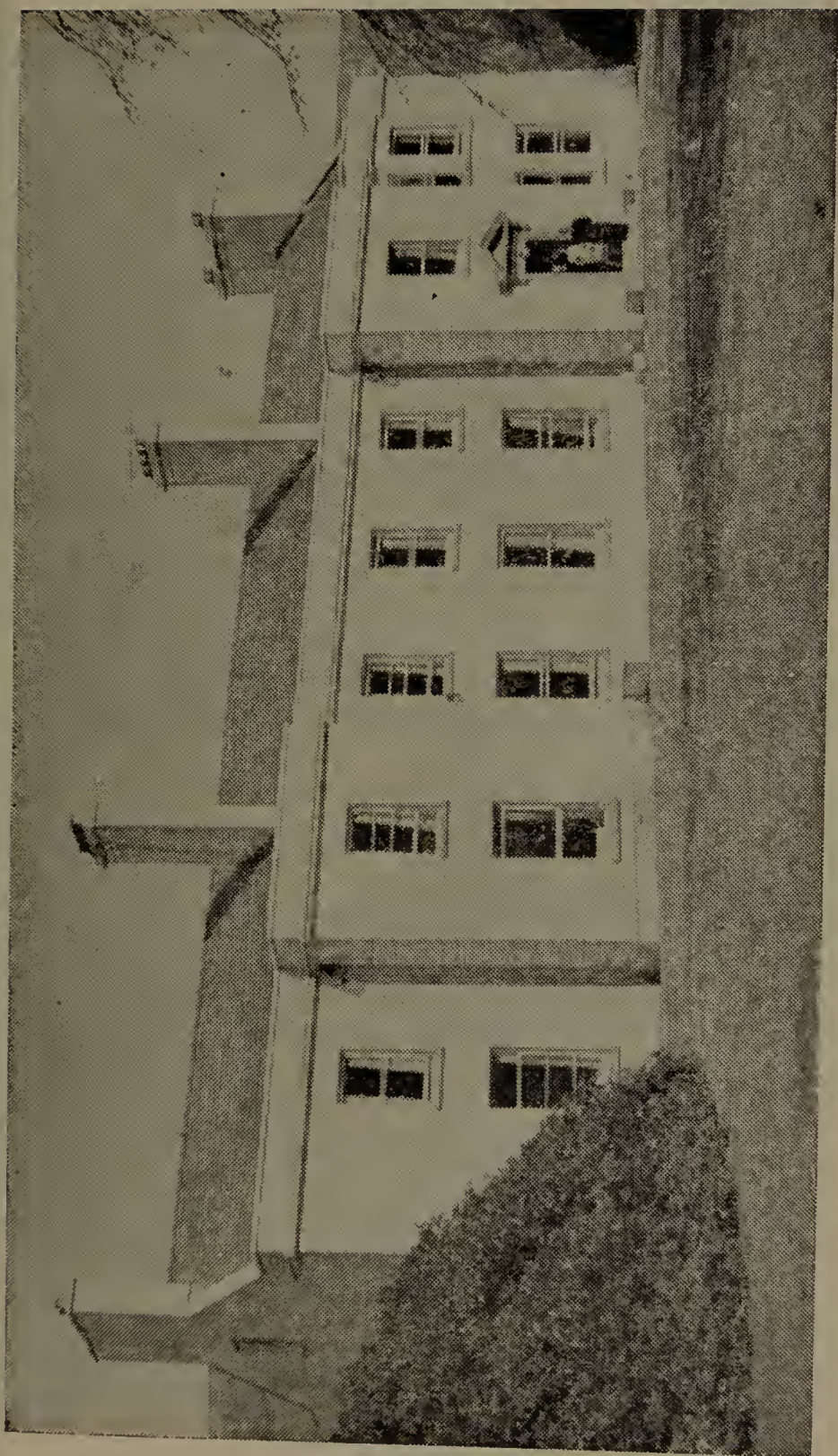
I should like to express my thanks to the Chairman and Members of the Corporation for their ready assistance in matters affecting public health and the continued loyalty of my Staff and to other Departments of the Corporation.

I have the honour to be,

Your obedient Servant,

**J. H. Stephens,**

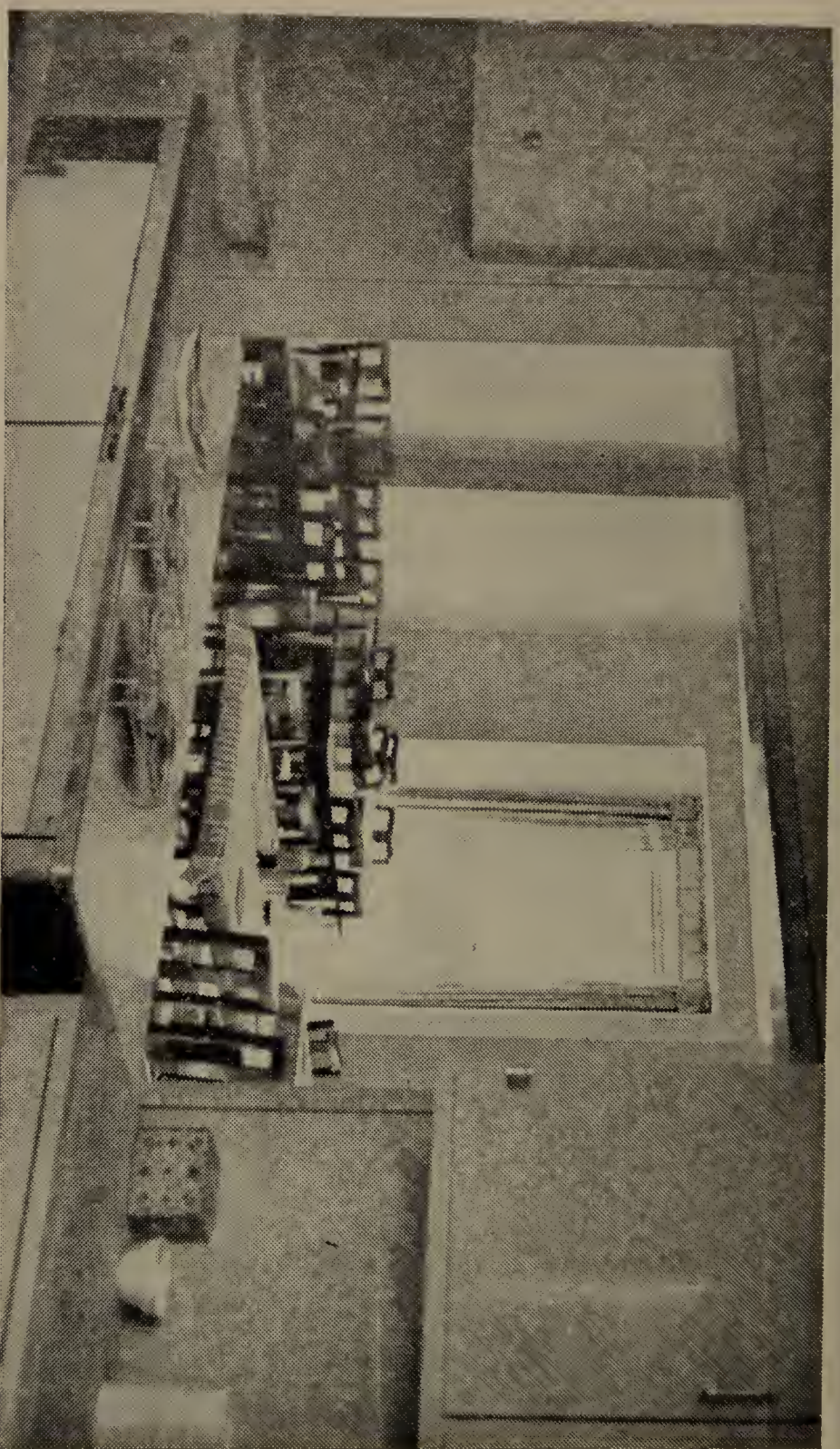
*Medical Officer of Health.*



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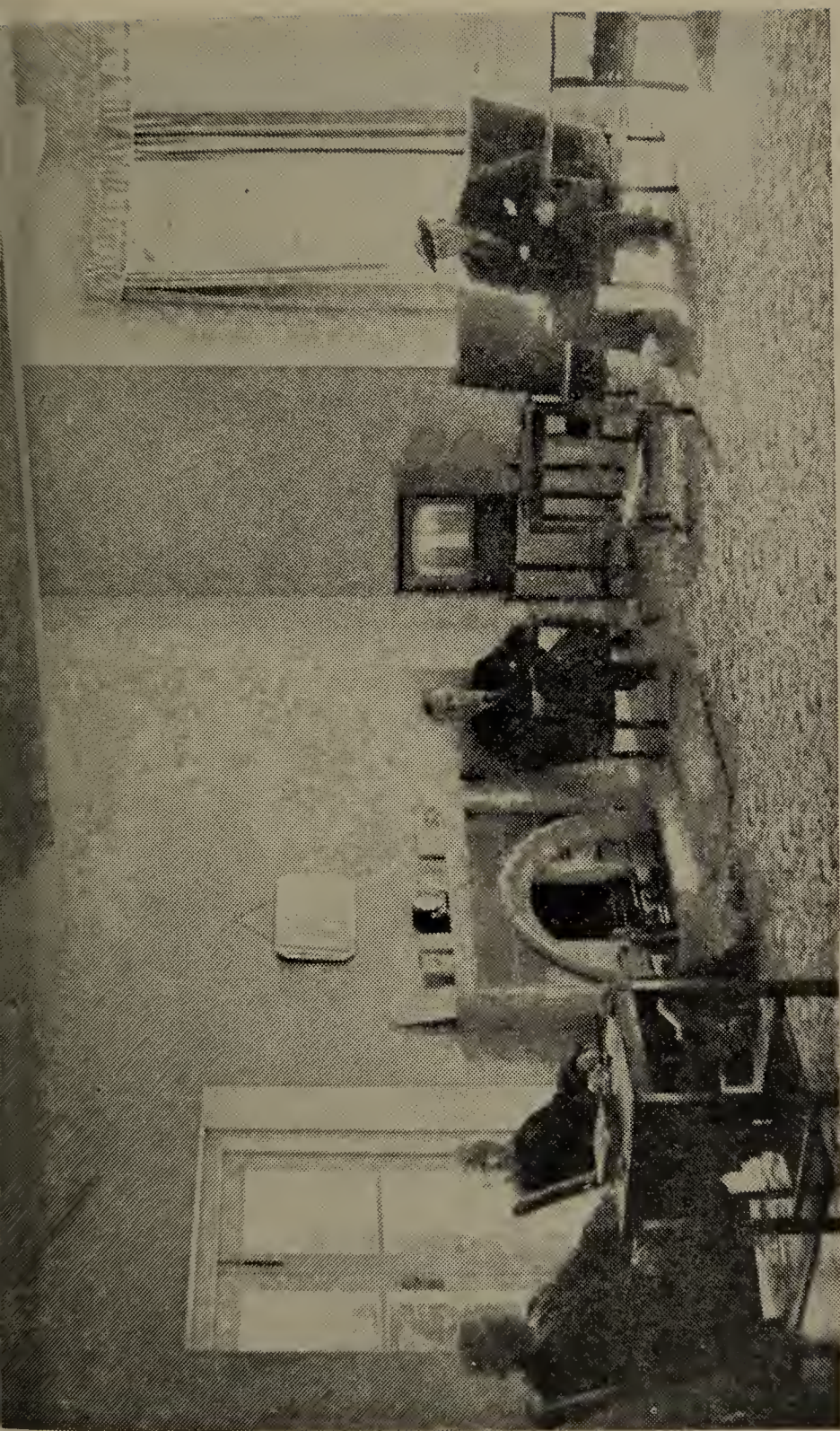
PENTREBACH HOUSE RESIDENTIAL HOME FOR AGED MEN





PENTREBACH HOUSE  
NORTHERN PORTION OF DINING HALL





PENTREBACH HOUSE  
RESIDENTS' SITTING ROOM AND T.V. LOUNGE





*Facing page nine*

PENTREBACH HOUSE  
SOUTHERN PORTION OF DINING ROOM FROM KITCHEN

## **PART 1.**

### **Committees and Staff**

# COUNTY BOROUGH OF MERTHYR TYDFIL. 1955

*The Mayor*

Councillor F. Everson, J.P.

*The Deputy Mayor :*

Councillor S. G. Edwards

## HEALTH COMMITTEE

*Chairman :* Alderman M. McGinty

*Vice-Chairman :* Alderman Mrs. M. McPhail

The Whole Council

*Namely :—*

Aldermen T. J. Evans, M.B.E., W. S. Owen, J. G. Davies, B. Watkins,  
C. Stanfield and H. I. Williams, M.B.E., J.P.

Councillors D. J. Morgan, T. Y. Lewis, W. Sheene, S. Davies, C. J.  
Griffiths, J.P., A. John, R. J. Baker, T. J. Lloyd, I. Davies,  
Mrs. A. Dawes, C. E. Webb, B.E.M., J.P., M. Osborne, B.E.M.,  
W. J. James, Mrs. C. Lloyd, W. W. Herbert, B. M. Davies,  
Mrs. G. I. Williams, D. Jones, J.P., D. R. Tudor, J. L. Williams,  
S. G. Edwards, D. J. Evans and W. Powell.

## MATERNITY AND CHILD WELFARE COMMITTEE.

*Chairman :* Alderman Mrs. M. McPhail

*Vice-Chairman :* Councillor Mrs. G. I. Williams

Alderman W. S. Owen

Alderman B. Watkins

Alderman C. Stanfield

Alderman H. I. Williams

Councillor D. J. Morgan

Councillor W. Sheene

Councillor A. John

Councillor Mrs. A. Dawes

Councillor W. Powell

Councillor B. M. Davies

Councillor Mrs. C. Lloyd

Councillor J. L. Williams

Councillor W. Powell

with

The Mayor

The Ex-Mayor

and

Alderman M. McGinty (*Chairman of the Health Committee*)

## WELFARE SERVICES COMMITTEE.

*Chairman :* Councillor S. G. Edwards

*Vice-Chairman :* Councillor F. Everson

Alderman T. J. Evans

Alderman J. G. Davies

Alderman W. S. Owen

Alderman B. Watkins



Councillor D. J. Morgan	Councillor S. Davies
Councillor A. John	Councillor I. Davies
Councillor R. J. Baker	Councillor Mrs. A. Dawes
Councillor B. M. Davies	Councillor W. W. Herbert
Councillor Mrs. G. I. Williams	Councillor D. Jones
Councillor J. L. Williams	Councillor S. G. Edwards

with

The Mayor

The Ex-Mayor

and

Alderman M. McGinty (*Chairman of the Health Committee*)Alderman Mrs. M. McPhail (*Vice-Chairman of the Health Com'tee*)

## BLIND AND OTHER WELFARE SERVICES COMMITTEE

*Chairman :* Councillor M. Osborne

*Vice-Chairman :* Councillor C. E. Webb

Alderman C. Stanfield	Alderman H. I. Williams
Councillor T. Y. Lewis	Councillor W. Sheene
Councillor R. J. Baker	Councillor I. Davies
Councillor W. James	Councillor Mrs. C. Lloyd
Councillor Mrs. G. I. Williams	Councillor D. J. Evans

with

The Mayor

The Ex-Mayor

and

Alderman M. McGinty (*Chairman of the Health Committee*)Alderman Mrs. M. McPhail (*Vice-Chairman of the Health Com'tee*)

## MENTAL HEALTH SERVICES COMMITTEE

*Chairman :* Alderman C. Stanfield

*Vice-Chairman :* Alderman M. McGinty

Alderman W. S. Owen	Councillor W. Sheene
Councillor D. J. Morgan	Councillor C. J. Griffiths
Councillor A. John	Councillor I. Davies
Councillor D. Jones	Councillor S. G. Edwards

with

The Mayor

The Ex-Mayor

and

Alderman Mrs. M. McPhail (*Vice-Chairman of the Health Com'tee*)

## CHILDREN'S COMMITTEE

*Chairman :* Councillor Mrs. A. Dawes

*Vice-Chairman :* Councillor L. J. Williams

Alderman Mrs. M. McPhail	Councillor D. J. Morgan
Councillor I. Davies	Councillor Mrs. C. Lloyd
Councillor Mrs. G. I. Williams	Councillor S. G. Edwards

with

The Mayor

The Ex-Mayor

## MEDICAL STAFF

*Medical Officer of Health, Principal School Medical Officer, Medical Superintendent, Mardy Isolation Hospital, Medical Officer under the Mental Deficiency Acts :*

T. H. Stephens, M.B., Ch.B., D.P.H.

*Assistant Medical Officers and School Medical Officers :*

Dilys Stephens, B.Sc., M.B., B.Ch., M.R.C.S., L.R.C.P., D.P.H.

Monica Parry-Morton, B.Sc., M.B., B.Ch.

E. A. Marsden, M.B., B.Ch.

*Part-time Consultant Orthopaedic Surgeon :*

A. O. Parker, M.D., C.M.

*Part-time Consultant Ophthalmic Surgeon :*

Rupert Parry, M.B., B.S., F.R.C.S.

*Part-time Ear, Nose and Throat Specialists :*

Hector Thomas, F.R.C.S.

Alan Thomas, F.R.C.S.

*Part-time Paediatrician :*

Professor A. G. Watkins

F. W. Nash, M.D., B.S., M.R.C.S., M.R.C.P.

*Part-time Psychiatrist :*

G. N. Lacey, B.Sc., M.B., Ch.B., D.P.M.

*Dental Officers :*

F. S. Baguley, L.D.S.

J. A. Wylie, L.D.S.

*Public Analyst and Official Analyst under the Fertilizers and Feeding Stuffs Act, 1926 :*

D. Evans Jones, M.Sc., F.R.I.C.

## SANITARY INSPECTORATE

*Chief Sanitary Inspector and Food Inspector, Official Sampler and Inspector under the Fertilizers and Feeding Stuffs Act, 1926 :*

Iorwerth Thomas (a.b.)

*Deputy Chief Sanitary Inspector :*

D. A. Jones, A.I.Hsg. (a.b.) (Resigned 1955)

*Sanitary Inspectors and Food Inspectors :*

C. G. Stuckey (a.b.)

V. D. L. Prothero (a.b.)

J. B. Jones (a.b.)

*Sanitary Inspector and Shops Act Inspector :*

D. C. N. Davis (a.)

*Rodent Officer :*

G. A. Price

*Disinfection and Disinfestation Staff :*

A. Andrews.

G. W. Foran.

W. G. Foster

## NURSING STAFF

*Superintendent Nursing Officer, Superintendent School Nurse and Home Help Organiser :*

A. L. Evans (c.d.e.)

*Health Visitors and School Nurses :*

E. J. Watkins (c.d.e.)

D. Jenkins (c.d.e.)

M. F. Jelleyman (c.d.e.g.)

M. Griffiths (c.d.e.)

(Resigned Aug., 1955)

C. Jones (c.d.)

S. Jones (c.e.h.)

J. A. Lewis (c.d.e.)

A. Meredith (c.d.e.)

M. Jones (c.h.e.)

N. J. Sage (c.d.e.g.)

(Commenced Nov., 1955)

*Domiciliary Midwives :*

B. Lewis (d.) (Retired April, 1955), H. Davies (d.), B. M. Jones (c.d.), E. A. Gillam (c.d.) (Retired Oct., 1955), L. Daley (d.), K. Lovis (c.d.), M. Williams (c.d.f.), D. Jones (c.d.f.), A. E. Davies (c.d.), G. M. Warrior (c.d.).

*District Nurses :*

M. Nicholas (c.g.), S. J. Lewis (c.), F. Evans (c.f.), A. M. Clements (c.d.f.), E. J. Evans (c.), E. Wright (c.f.), E. E. Thomas (c.f.g.), B. Whitford Jones (c.f.g.), O. Davies (c.f.), H. McDonald (c.f.), M. Lloyd (c.d.) (Relief), H. Davies (c.d.) (Relief), M. Hinton (c.d.) (Part-time), B. A. Thomas (c.)

*Dental Technician :*

L. Mytton

*Dental Attendant :*

E. John

## WELFARE FOODS DISTRIBUTION

D. Evans; C. Spillane

## WELFARE SERVICES

*Director of Welfare :*

Bryn Roberts

*Duly Authorised Officer :*

F. Jennings

*Clerical Staff :*

T. Barlow.

T. Morris.

*Pentrebach House Home for Aged Men :*

*Superintendent :* C. Adler

*Staff :* One Cook, two Female Attendants, Two Male Attendants, One Porter/Handyman and Two General Domestic.

*Pant House Home for Aged Females :*

*Staff :* Two Female Attendants, One General Domestic

## AMBULANCE SERVICE

*Ambulance Officer :*

J. A. Williams

*Staff :* Seventeen Drivers, One Mechanic and One Assistant Mechanic.

## ADMINISTRATIVE AND CLERICAL STAFF

*Chief Administrative Officer :*

Terry Thomas (a.)

*Deputy Chief Administrative Officer :*

J. R. Jones

*Clerical Staff :*

W. K. Jones

I. Protheroe\*

N. Vaughan

Joan Thomas

M. Jones

S. Treen

*Clerical Staff (Clinics) :*

S. J. Lewis

G. Evans

D. Vaughan

## KEY :

- a. — Sanitary Inspector's Certificate of the Royal Society for the Promotion of Health and The Sanitary Inspectors' Joint Board.
- b. — Meat and Other Foods Certificate of the Royal Society for the Promotion of Health.
- c. — State Registered Nurse.
- d. — State Certified Midwife.
- e. — Health Visitor's Certificate of the Royal Society for the Promotion of Health.
- f. — Registered Fever Nurse.
- g. — Queen's Nurse's Certificate.
- h. — Central Midwives Board Examination Part I.
- \* — Also acts as Assistant Duly Authorised Officer

## **PART 2.**

### **General and Comparative Statistics**

# VITAL STATISTICS—1955.

Area in Acres ... ..	17,760
Population (Census 1951) ... ..	61,093
Population (Registrar General Mid-year Estimate) ... ..	59,900
Density of population per acre (1951 Census) ... ..	3.4399
Number of houses on Rate Books in 1955 ... ..	17,458
Number of Shops/houses ... ..	442
Number of Shops ... ..	469
Number of Farms ... ..	68
Number of Inns and Clubs ... ..	168
Average number of persons to each occupied house (1955)	3.44
Legitimate Live Births } Male 428 } Total 835 } Total Live Births ... 857	
} Female 407 }	
Illegitimate Live Births } Male 10 } Total 22 }	
} Female 12 }	
Live Birth Rate per thousand population ... ..	14.31
* Corrected Live Birth Rate per thousand population ... ..	14.45
Stillbirths : Male 18 } Total Stillbirths ... 30	
Female 12 }	
Still birth rate per thousand births ... ..	33.82
Total Births Live & Still } Male 456 } Total Births, Live & Still... 887	
} Female 431 }	
Total Birth Rate per thousand population ... ..	14.81
* Corrected Total Birth Rate per thousand population ... ..	14.96
Deaths : Male 516 } Total Deaths ... 857	
Female 341 }	
Death Rate per thousand population ... ..	14.31
† Corrected Death Rate per thousand population ... ..	14.45
Infant Mortality Rate ... ..	29.17
Death Rate from Principal Infectious Diseases ... ..	Nil
Respiratory T.B. Death Rate (rate per million population)	300.5
Non-Respiratory T.B. Death Rate (rate per million popul'n)	50.0
Malignant Neoplasms Death Rate per thousand population	2.02

\* Registrar General's Comparability Factor of 1.01 for Births

† Registrar General's Comparability Factor of 1.01 for Deaths

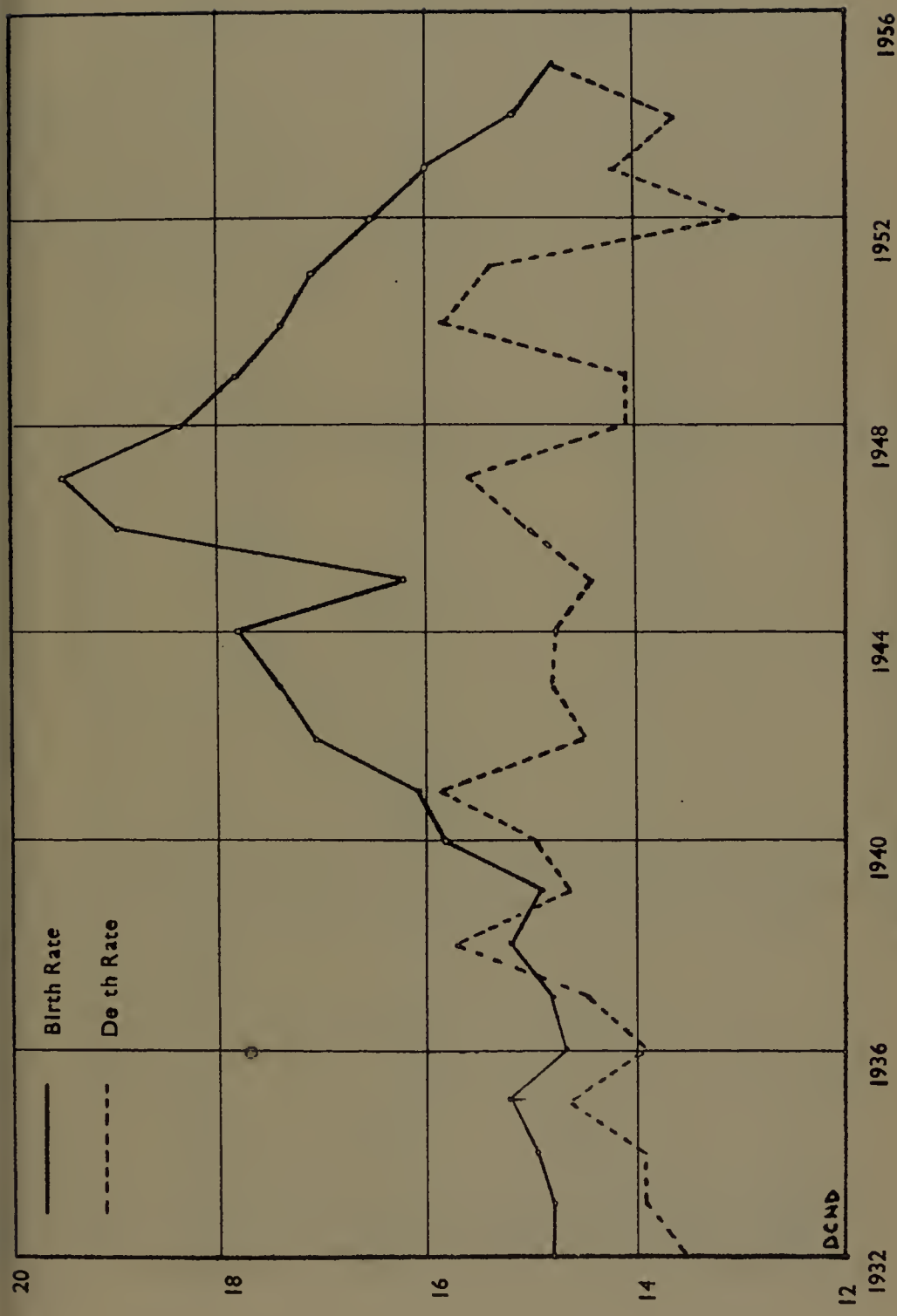


Fig. 1—BIRTH RATE AND DEATH RATE 1932-1956  
(Rates per Thousand Population)

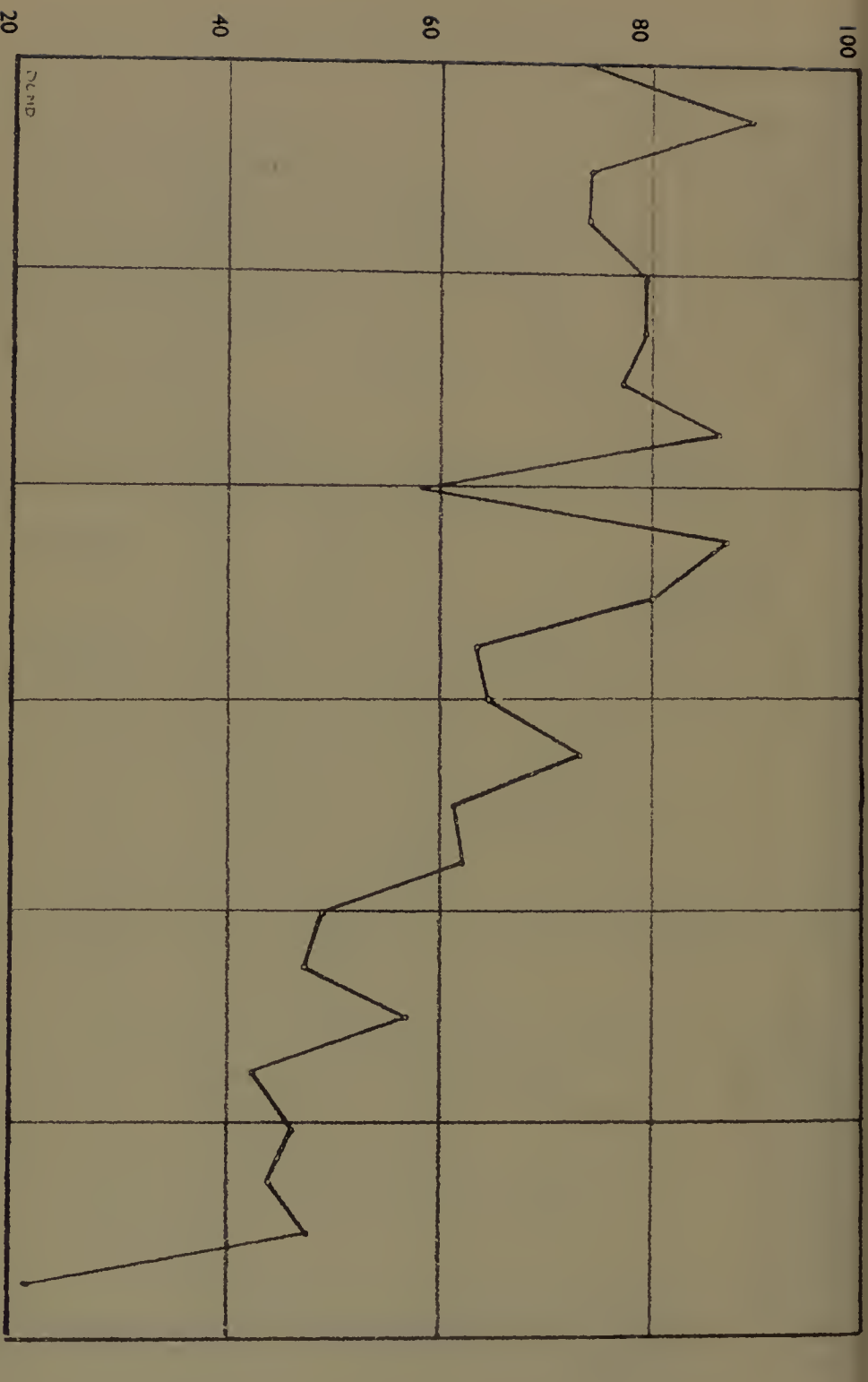


FIG. 2. INFANTILE MORTALITY RATE. 1932—1955.  
(Rate Per Thousand Live Births).



## POPULATION

The Registrar General's estimated population for mid-year 1955 was 59,900 which was a increase of 200 over the previous year.

In 1801 Merthyr Tydfil had a population of 7,705 ; this figure gradually increased until the limit was reached one hundred and twelve years later in 1913 when a population of 85,414 was recorded. This total decreased steadily during the ensuing thirty years and in 1945, the Registrar General's Mid-year Estimate reached the low limit of 59,620. Since then it has increased gradually due undoubtedly to the opening of new factories, and in the 1951 census the population was found to be 61,093.

The following table gives details of Census Population since 1801 :—

Year	Population	Year	Population
1801	7,705	1891	58,080
1811	11,184	1901	69,228
1821	17,404	1911	80,990
1831	22,083	1921	82,760
1841	34,997	1931	71,108
1851	46,692	1939*	62,772
1861	50,461	1941	No Census
1871	51,891	1951	61,093
1881	48,857		

\*National Registration population figure given in lieu of Census.

## BIRTHS

In 1955, a total of 887 births were registered of which 857 were live births. This represents a Total Birthrate for the County Borough of 14.81 per thousand population and a live Birth Rate of 14.31. The live Birth Rate for England and Wales was 15.0 per thousand population.

The number of births is made up as follows :

LEGITIMATE				ILLEGITIMATE				TOTALS	
Livebirths		Stillbirths		Livebirths		Stillbirths			
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
428	407	18	10	10	12	Nil	2	456	431
835		28		22		2		887	
863				24					

A comparison of England and Wales and Local Birthrates over the past ten years is shown in the following table :

Year	No. of Births	Rates per thousand population		Increase or decrease of Local Rate on National Rate
		County Borough of Merthyr Tydfil	England and Wales	
1945	960	16.1	16.1	0.0
1946	1141	18.9	19.2	-0.3
1947	1181	19.6	20.6	-1.0
1948	1099	18.4	17.9	+0.5
1949	1083	17.8	16.7	+1.1
1950	1057	17.4	15.8	+1.6
1951	992	16.4	15.5	+0.9
1952	961	15.9	15.3	+0.6
1953	959	16.04	15.5	+0.5
1954	880	14.74	15.2	-0.5
1955	857	14.31	15.0	-0.7
Aver. Annual Birthrate 1945 to 1955		16.9	16.6	+0.3

## MARRIAGES

During 1955, 489 marriages were registered in the County Borough of Merthyr Tydfil, which is a Married Persons Rate of 16.3 per thousand population. The details of marriages in the County Borough during the last ten years and their comparison with the national figures are as follows :—

Year	Number of Marriages	Rates per thousand population	
		County Borough of Merthyr Tydfil	England and Wales
1945	480	16.1	18.7
1946	500	16.6	18.0
1947	476	15.8	18.6
1948	480	16.1	18.2
1949	649	21.4	17.1
1950	486	16.0	16.4
1951	481	15.9	16.5
1952	491	16.3	15.9
1953	492	16.4	15.6
1954	475	15.9	15.4
1955	489	16.3	16.1

## DEATHS

During 1955, nine hundred and eight deaths were registered in the County Borough but 124 of these deaths were of non-residents. In addition, 63 residents died outside the County Borough Area so that the total number of deaths of residents during the year was 857. The Death Rate per thousand population for 1955 was therefore 14.31 whilst the rate for England and Wales was 11.7 and that for the Great Towns in England and Wales, 11.6.

The following table shows the number of deaths of Residents of the County Borough together with the Local and England and Wales Death Rates from 1944 :

Year	Number of Deaths	Rates per thousand Population	
		Merthyr Tydfil	**England & Wales
1944	905	14.8	11.6
1945	865	14.5	11.4
1946	904	14.9	11.5
1947	940	15.6	12.0
1948	838	14.1	10.8
1949	839	14.1	11.7
1950	941	15.8	11.6
1951	913	15.3	12.5
1952	777	13.1	11.3
1953	849	14.2	11.4
1954	817	13.7	11.3
1955	857	14.3	11.7

(\*\*The National Rate is quoted but the Death Rate for Merthyr Tydfil compares more favourably with that for the Great Towns in England and Wales).

The numbers and percentages of deaths occurring in the different age groups are :—

Age Group	Number of Deaths			Percentage
	Males	Females	Totals	
0-1 yr.	13	12	25	2.92
1-5 yrs.	2	—	2	0.23
5-15 yrs.	2	2	4	0.47
15-45 yrs.	20	22	42	4.90
45-65 yrs.	134	80	214	24.96
65-75 yrs.	153	87	240	28.01
Over 75 yrs.	192	138	330	38.51
All Ages	516	341	857	100.00

## Causes of Death in Various Age Groups—Male.

CAUSE OF DEATH		Total	0—1	1—5	5—15	15—45	45—65	65—75	Over 75
Tuberculosis, Respiratory	...	13	—	—	—	1	6	6	—
Tuberculosis, Other	...	2	—	—	—	1	1	—	—
Syphilitic Disease	...	1	—	—	—	—	—	1	—
Malignant Neoplasms, Stomach	...	14	—	—	—	—	10	3	—
Malignant Neoplasms, Lung/Bronchus	...	17	—	—	—	—	9	8	—
Other Malignant and Lymphatic Neoplasms	...	36	—	1	—	1	11	16	7
Leukaemia	...	2	—	1	—	—	1	—	—
Vascular Lesions of the Nervous System	...	59	—	—	—	1	10	17	31
Coronary Disease, Angina	...	72	—	—	—	1	27	30	14
Hypertension with Heart Disease	...	15	—	—	—	—	5	4	6
Other Heart Disease	...	75	—	—	—	1	6	15	53
Other Circulatory Disease	...	29	—	—	—	—	4	4	21
Pneumonia	...	15	3	—	—	—	2	5	5
Influenza	...	2	—	—	—	—	—	2	—
Bronchitis	...	65	—	—	—	2	18	22	23
Other Diseases of Respiratory System	...	16	—	—	—	2	7	5	2
Ulcer of Stomach and Duodenum	...	6	—	—	—	—	3	2	1
Gastritis, Enteritis, Diarrhoea	...	2	—	—	—	—	—	—	2
Nephritis and Nephrosis	...	5	—	—	—	1	1	1	2
Hyperplasia of Prostrate	...	12	—	—	—	—	1	4	7
Congenital Malformations	...	5	4	—	—	1	—	—	—
Other Defined and Ill-defined Diseases	...	31	6	—	—	—	6	6	13
Motor Vehicle Accidents	...	3	—	—	1	2	—	—	—
All other Accidents	...	13	—	—	1	5	3	2	2
Suicide	...	6	—	—	—	1	3	—	—
TOTAL — MALES	...	516	13	2	2	20	134	153	192

CAUSE OF DEATH	Total	0—1	1—5	5—15	15—45	45—65	65—75	Over 75
Tuberculosis, Respiratory	5	—	—	—	3	2	—	—
Tuberculosis, Other	1	—	—	—	1	—	—	—
Malignant Neoplasms, Stomach	13	—	—	—	—	5	2	6
Malignant Neoplasms, Lung/Bronchus	2	—	—	—	—	—	2	—
Malignant Neoplasms, Breast	9	—	—	—	—	5	2	2
Malignant Neoplasms, Uterus	6	—	—	—	1	3	2	—
Other Malignant and Lymphatic Neoplasms	24	—	—	—	2	11	6	5
Leukaemia	1	—	—	—	—	1	—	—
Diabetes	2	—	—	—	—	—	1	1
Vascular Lesions of the Nervous System	77	—	—	—	1	11	27	38
Coronary Disease, Angina	30	—	—	—	—	11	10	9
Hypertension with Heart Disease	4	—	—	—	—	2	2	—
Other Heart Disease	68	—	—	—	3	8	17	40
Other Circulatory Disease	13	—	—	—	1	4	1	7
Influenza	3	—	—	—	—	—	2	1
Pneumonia	10	—	—	—	1	—	4	5
Bronchitis	18	—	—	—	—	3	4	11
Other Respiratory Diseases	1	—	—	—	—	—	1	—
Gastritis Enteritis and Diarrhoea	1	—	—	—	—	1	—	—
Nephritis and Nephrosis	9	—	—	—	4	3	—	2
Pregnancy, Childbirth and Abortion	1	—	—	—	1	—	—	—
Congenital Malformations	3	3	—	—	—	—	—	—
Other Defined and Ill-defined Diseases	29	9	—	2	2	6	1	9
All Other Accidents	7	—	—	1	1	1	3	2
Suicide	4	—	—	—	—	3	—	—
TOTALS — FEMALES	341	12	—	2	22	80	87	138

### WARD DISTRIBUTION OF DEATHS

The Ward Distribution of Deaths of Residents is shown below. No significance can be attached to these figures because the age, sex and population of each ward have not been taken into consideration.

Dowlais ...	101	Town ...	142
Penydarren ...	143	Plymouth ...	93
Park ...	97	Merthyr Vale ...	98
Cyfarthfa ...	96	Treharris ...	87

### DEATHS OF RESIDENTS OCCURRING OUTSIDE THE BOROUGH.

During the year 1955, sixty-three deaths outside the County Borough were assigned by the Registrar General. The following are particulars of where these deaths of residents occurred :—

<i>Place at which death occurred.</i>	<i>Registration District</i>	<i>No. of deaths</i>
East Glamorgan Hospital ...	... Llantrisant ...	1
St. David's Hospital, Cardiff	.. Cardiff ...	7
Aberdare Road, Hirwaun ...	.. Aberdare ...	1
Sully Hospital ...	.. Barry ...	5
Aberdare General Hospital...	... Aberdare ...	2
Brynhyfryd, Beddau ...	.. Llantrisant ...	1
Margaret Street, Abercynon	.. Mountain Ash ...	1
Hinckley Tce., Pontypridd	... Pontypridd ...	1
Royal Infirmary, Cardiff ...	... Cardiff ...	15
Llandough Hospital ...	... Penarth ...	2
Tirherbert Colliery ...	... Neath ...	1
Alms Hill Road, Sheffield ...	... Sheffield ...	1
Oxford Road, Ploughley ...	... Ploughley ...	1
High Street, Highworth ...	... Highworth ...	1
Empire Colliery, Cwmgrach	... Neath ...	1
Townsend House, Williton	... Williton ...	1
St. Winifred's Hosp., Cardiff	... Cardiff ...	4
Landore Railway Station ...	.. Swansea ...	1
Carlton Hotel, Bournemouth	... Bournemouth ...	1
Abergwili, Carmarthen ...	... Carmarthen ...	1
St. Lawrence Hosp., Chepstow	... Chepstow ...	1
Penallta Coll., Ystrad Mynach	... Gelligaer ...	1
Tanybwllch Hospital, Llancaiarn	... Aberystwyth ...	1
Fotheringham Place, Newport	... Newport ...	1
Plymouth Nursing Home, Penarth	... Penarth ...	1
Penywerlod Road, Markham	... Bedwellty ...	1
Gelligaer Hospital ...	... Gelligaer ...	1
Pilch Lane East, Huyton ...	... Huyton with Roby ...	1
County Hospital, Hereford	... Hereford ...	1
New Drift, Trelewis...	... Gelligaer ...	1
Railway Lines, Milton ...	... Abingdon ...	4
Total ...	...	63



## FATAL ACCIDENTS AND SUICIDES.

During 1955, there were twenty-one fatal accidents, two fatal motor accidents and ten suicides involving residents of the County Borough. The details of these deaths are as follows :—

(a) *Fatal Accidents :*

Deaths due to injuries received during the course of employment ... ..	5
Death due to asphyxia by burying during the course of employment ... ..	1
Accidental falls ... ..	2
Death accelerated through accidental falls ... ..	5
Shock due to accidental burning ... ..	3
Death due to accidental scalding ... ..	1
Death due to injuries received as passengers in a derailed train ... ..	4
<b>Total Fatal Accidents ... ..</b>	<b>21</b>

(b) *Motor Accidents :*

Injuries accidentally received in colliding with a motor car ... ..	1
Injuries received by a motor cycle colliding with a motor omnibus ... ..	1
<b>Total Motor Accidents ... ..</b>	<b>2</b>

(c) *Suicides :*

Barbiturate poisoning self administered whilst balance of mind was disturbed ... ..	1
Carbon Monoxide poisoning self administered whilst the balance of mind was disturbed ... ..	4
Coal Gas poisoning self administered whilst the balance of mind was disturbed ... ..	3
Asphyxia by drowning whilst balance of mind was disturbed ... ..	2
<b>Total Suicides ... ..</b>	<b>10</b>

## ANALYSIS OF DEATHS FROM VARIOUS CAUSES

### (i). Heart Disease :

Males	...	...	162
Females	...	...	102
			<hr/>
Total	...	...	264
			<hr/>

Heart disease embraces the following classifications of Causes of Death :

Coronary Disease, Angina.  
Hypertension with Heart Disease.  
Other Heart Disease.

This group was the largest cause of death being responsible for 30.81% of all deaths in 1955 as compared with 29.01% in 1954. It also represents a Death Rate of 4,408 per million.

The deaths recorded in sex and age groups were as follows :

			0-5	5-15	15-45	45-65	65-75	Over 75
Males	...	...	—	—	2	38	49	73
Females	...	...	—	—	3	21	29	49

### (ii) Malignant Neoplasms :

Males	.....	...	67
Females	...	...	54
			<hr/>
Total	...	...	121
			<hr/>

This group is sub-divided into the following classifications of Causes of Death :

Malignant Neoplasms, Stomach  
Malignant Neoplasms, Lung Bronchus  
Malignant Neoplasms, Breast  
Malignant Neoplasms, Uterus  
Other Malignant and Lymphatic Neoplasms

Malignant Neoplasms were responsible for 14.03% of all deaths compared with 15.54% in 1954. It represents a Death Rate of 2,020 per million population.

			0-5	5-15	15-45	45-65	65-75	Over 75
Males	...	...	1	—	1	30	27	8
Females...	...	...	—	—	3	24	14	13

### (iii). Tuberculosis (All Forms) :

Males	...	...	15
Females	...	...	6
			<hr/>
Total	...	...	21
			<hr/>



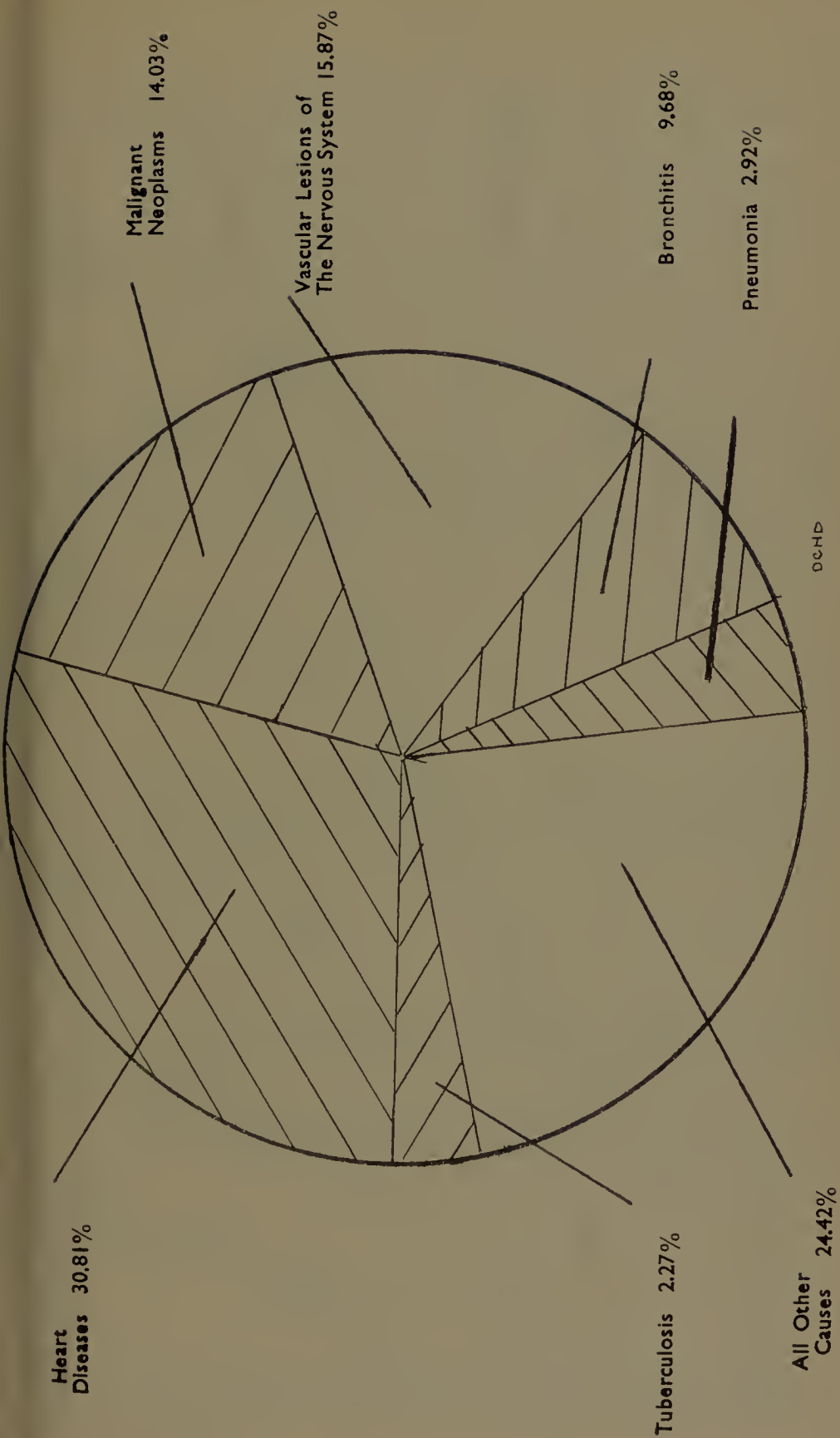


Fig. 3—PERCENTAGES OF DEATHS FROM PRINCIPAL CAUSES—1955

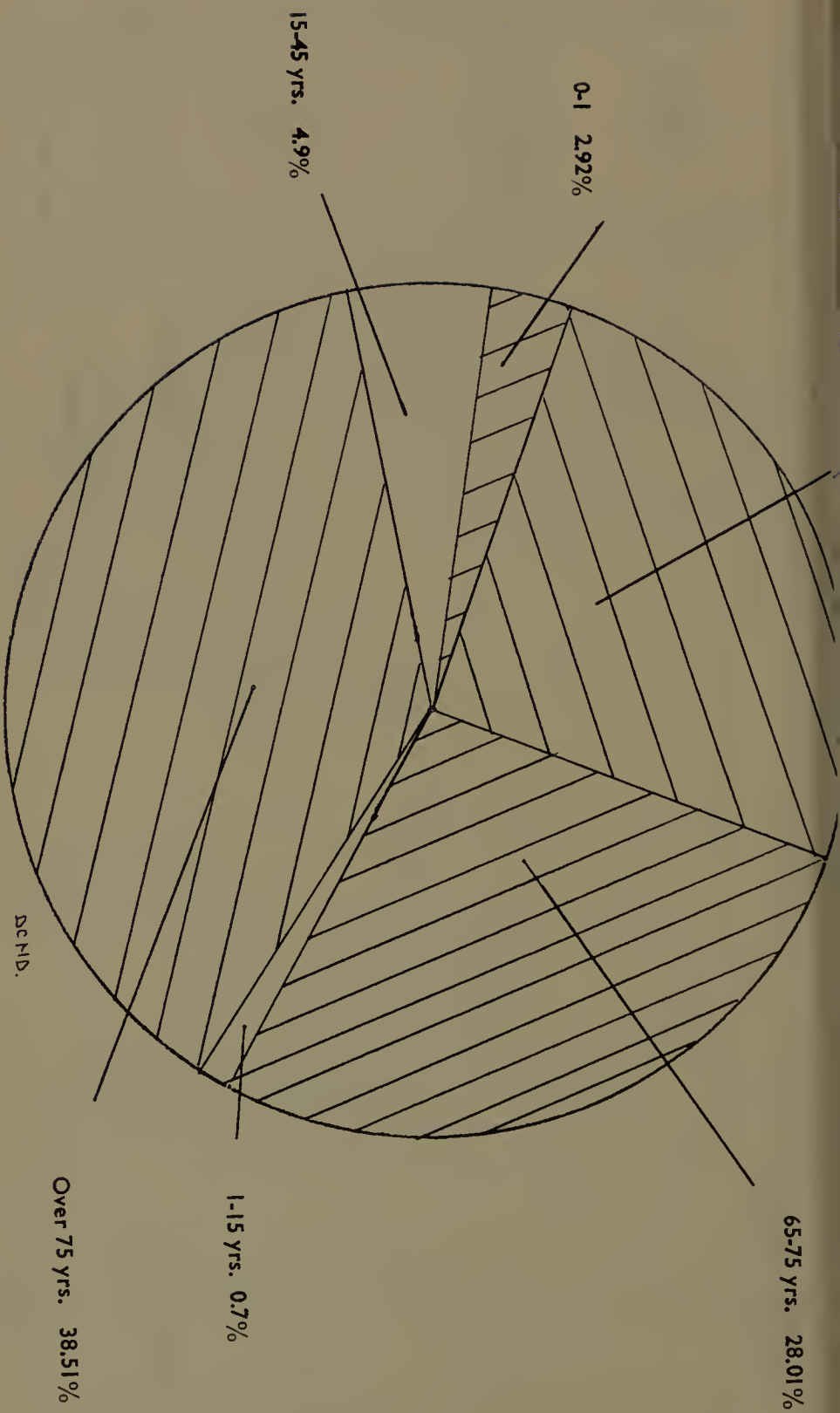


Fig. 4—PERCENTAGES OF DEATHS AT VARIOUS AGES—1955.

Tuberculosis was responsible for 2.27% of all deaths in 1955 as compared with 2.57% in 1954. The Death Rate was 350.5 per million population.

The deaths recorded in sex and age groups were as follows :

		0-5	5-15	15-45	45-65	65-75	Over 75
Males	...	—	—	2	7	6	—
Females	...	—	—	4	2	—	—

(iv) **Vascular Lesions of the Nervous System :**

Males	...	...	59
Females	...	...	77

Total ... 136

Vascular Lesions of the Nervous System were responsible for 15.87% of all deaths as compared with 14.81% in 1954. The Death Rate was 2,270 per million population.

The deaths recorded in sex and age groups were as follows :

		0-5	5-15	15-45	45-65	65-75	Over 75
Males	...	—	—	1	10	17	31
Females	...	—	—	1	11	27	38

(v) **Congenital Malformations :**

Males	...	...	5
Females	...	...	3

Total ... 8

Congenital Malformations were responsible for 0.93% of all deaths and the death rate was 134 per million population.

All these deaths occurred in the first year of life except one male death in the 25-45 years group.

(iv). **Bronchitis :**

Males	...	...	65
Females	...	...	18

Total ... 83

Bronchitis was responsible for 9.68% of all deaths compared with 6.85% in 1954. The Death Rate from Bronchitis was 1390 per million population.

The deaths recorded in sex and age groups were as follows :

		0-5	5-15	15-45	45-65	65-75	Over 75
Males	...	—	—	2	18	22	23
Females	...	—	—	—	3	4	11

(vii). **Pneumonia :**

Males	...	...	15
Females	...	...	10

Total ... 25

Pneumonia was responsible for 2.92% of all deaths compared with 3.01% in 1954. The Pneumonia Death Rate was 420 per million population.

### INFANT MORTALITY.

Year	No. of Infant Deaths	Infant Death Rates	
		Merthyr Tydfil	England and Wales
1945	68	70.80	46.0
1946	69	60.47	42.9
1947	74	62.65	41.4
1948	53	48.20	33.9
1949	51	47.09	32.4
1950	43	40.68	29.6
1951	42	42.30	29.7
1952	44	45.79	27.6
1953	42	43.79	26.8
1954	42	47.73	25.5
1955	25	29.17	24.9

Comments regarding Infant Mortality are contained in the introduction to this report which will be found immediately before Part I.

### MATERNAL MORTALITY.

During 1955, one Maternal Death was recorded which represents a Maternal Death Rate of 1.13 per thousand births. The following table shows details of deaths due to or associated with Childbirth, Pregnancy and Abortion during the past ten years :

Year	Total Number	Puerperal Sepsis	From Other Causes	From Assoc- iated Causes	Rate per 1000 births
1945	2	—	2	—	1.90
1946	2	—	2	—	1.67
1947	5	2	3	—	4.0
1948	6	—	6	—	5.9
1949	—	—	—	—	Nil.
1950	—	—	—	—	Nil.
1951	3	—	1	2	2.9
1952	1	—	1	—	0.99
1953	—	—	—	—	Nil.
1954	1	—	1	—	1.09
1955	1	—	1	—	1.13

Nett Deaths from Stated Causes under One year—Age Distribution

CAUSE OF DEATH	Under 1 week	Over 1 week and Under 1 month	Total under 1 month	1 month to 3 months	3 months to 6 months	6 months to 9 months	9 months to 12 months	Total Deaths under one year
ALL CAUSES ... ..	14	4	18	3	4	—	—	25
Premature Birth ... ..	7	—	7	—	—	—	—	7
Broncho-pneumonia ... ..	—	1	1	2	2	—	—	5
Birth Injury ... ..	2	—	2	—	—	—	—	2
Congenital Abnormality ... ..	3	1	4	—	2	—	—	6
Intercranial Haemorrhage ... ..	2	—	2	—	—	—	—	2
Scepticaemia ... ..	—	2	2	—	—	—	—	2
Other Causes ... ..	—	—	—	1	—	—	—	1
TOTAL ... ..	14	4	18	3	4	—	—	25

# INFANT MORTALITY 1955.

Nett Deaths under One year from Stated Causes—WARD DISTRIBUTION

CAUSE OF DEATH	Dowlais Ward	Peny- darren Ward	Park Ward	Cyfarth- fa Ward	Town Ward	Ply- mouth Ward	Merthyr Vale Ward	Tre- harris Ward	Total
All Causes ... ..	3	2	8	6	3	1	1	1	25
Premature Birth ... ..	—	1	3	1	1	—	—	1	7
Broncho Pneumonia ... ..	—	—	1	1	2	—	1	—	5
Birth Injuries ... ..	1	—	—	1	—	—	—	—	2
Congenital Abnormality ... ..	1	—	3	2	—	—	—	—	6
Intercranial Haemorrhage ... ..	1	—	1	—	—	—	—	—	2
Scepticaemia ... ..	—	—	—	1	—	1	—	1	2
Other Causes ... ..	—	1	—	—	—	—	—	—	1
TOTAL ... ..	3	2	8	6	3	1	1	1	25

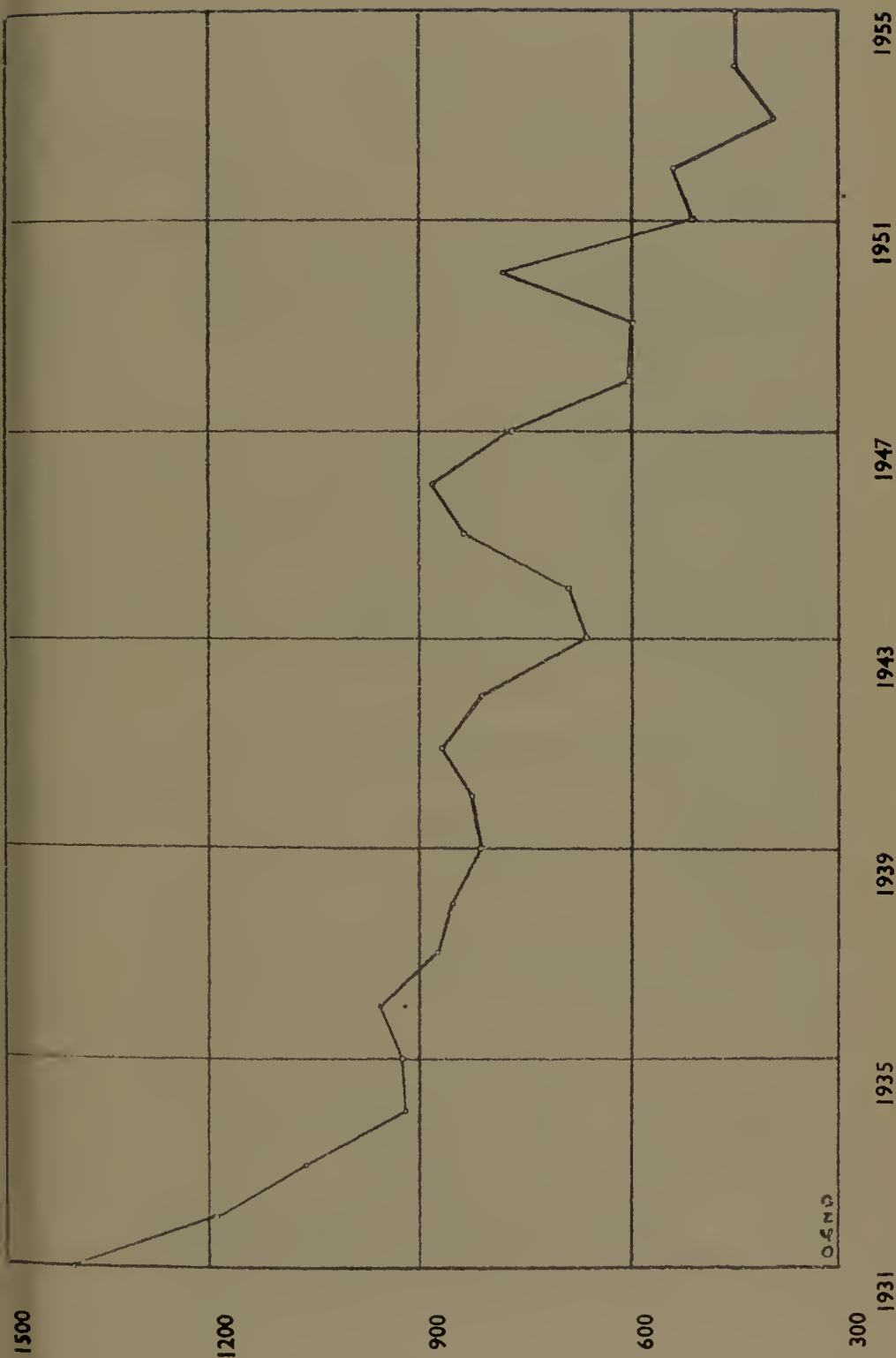
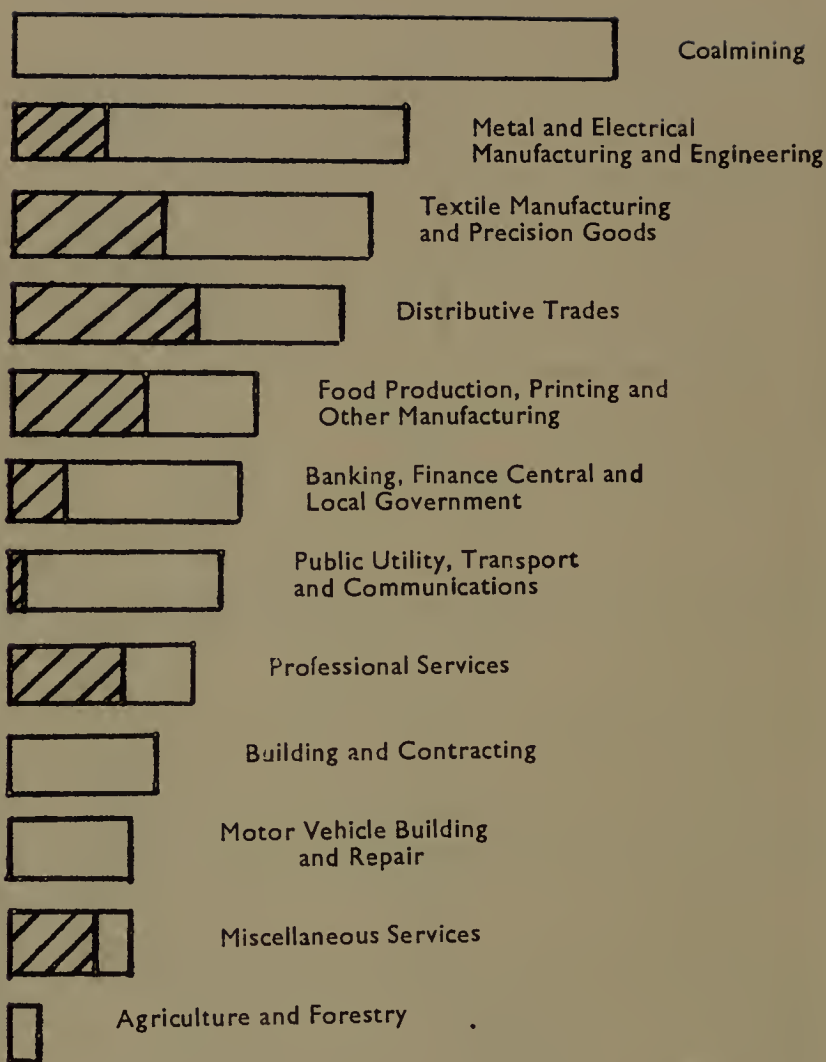




FIG. 5. TUBERCULOSIS (ALL FORMS) DEATH RATE, 1931-1955.  
(Rate Per Million Population)



Key :  MALES.  FEMALES.

**PROPORTION OF RESIDENTS EMPLOYED IN VARIOUS CLASSES OF INDUSTRY—1955**

(In certain Classes the number of Females employed is too small to be represented on the Diagram).



## EMPLOYMENT AND INDUSTRY.

The economic life of the County Borough of Merthyr Tydfil was from the Industrial Revolution until in the 1930's centred almost entirely around the production of coal, iron and steel. This was followed by a period of very grave depression in this area and considerable numbers of people had to migrate to other areas in search of a livelihood because there were no other light industries to replace the basic ones.

As a result of the Special Areas Act of 1934, several factories came into existence in this County Borough, and now we have such factories as Hoover's Washing Machines, Kayser-Bondor (Ladies underwear), Lines Bros. (Toys), I.C.I. (Chemicals, etc.) but still pride of place as the main employment of the County Borough, is Coalmining.

The following tables, details of which have been kindly supplied by the Managers of the Merthyr and Dowlais Employment Exchanges, give a reasonably accurate indication of the occupations and trades pursued by the inhabitants of the County Borough. The figures indicate the number of National Insurance Cards held at a specific time during the year, i.e. June 1954, of inhabitants classified according to the Ministry of Labour's Industrial Group System. Of course all these various types of trades and employments are not necessarily carried on within the County Borough Area as some people travel outside the area to work.

The first table gives the approximate percentages of persons in each type of industry and it is based upon the total figures given in the two tables :—

<i>Industry</i>	<i>Percentage</i>
Coalmining ... ..	20
Metal & Elec. Manufacturing & Engineering ...	15
Textile Manufacturing & Precision Good ...	11½
Distributive Trades ... ..	11
Food Production and Printing etc. ... ..	8
Banking, Finance, Local and Central Government ... ..	7½
Public Utility, Transport and Communication Services ... ..	7
Professional Services ... ..	6
Building and Contracting ... ..	5
Motor Vehicle Building and Repair ... ..	4
Miscellaneous Services ... ..	4
Agriculture and Forestry ... ..	1

## MINISTRY OF LABOUR AND NATIONAL SERVICE.

National Insurance Act, 1946 : Industrial Analysis of Estimated Number  
of National Insurance Cards held by Class I Insured Persons  
(Employed and Unemployed)†  
in June, 1955 for DOWLAIS Employment Exchange Area.

Order	*Industrial Group	Males aged 15 and over.	Females aged 15 and over.	Total Males & Females aged 15 and over
I	Agriculture, Forestry and Fishing ... ..	17	—	17
II	Coalmining ... ..	51	—	51
	Other Mining and Quarrying ...	2	—	2
III	Treatment of Non-Metal Mining Products ... ..	—	—	—
IV	Chemicals and Allied Trades ...	456	17	473
V	Sheets and Tinplates ... ..	—	—	—
	Other Metal Manufacture ... ..	456	20	476
VI	Engineering ... ..	533	139	672
	Shipbuilding & Shiprepairing ...	—	—	—
	Electrical Goods ... ..	—	—	—
VII	Vehicles ... ..	19	—	19
VIII	Metal Goods not elsewhere specified ... ..	29	3	32
IX	Precision Instruments, Jewel- lery, etc. ... ..	—	12	12
X	Textiles ... ..	483	403	886
XI	Leather, Leather Goods and Fur ... ..	—	—	—
XII	Clothing ... ..	—	14	14
XIII	Food, Drink and Tobacco ... ..	112	284	396
XIV	Manufacture of Wood & Cork ...	21	42	63
XV	Paper and Printing ... ..	1	6	7
XVI	Other Manufacturing Industries ... ..	49	103	152
XVII	Building and Contracting ... ..	44	—	44
XVIII	Gas, Electricity and Water ... ..	55	—	55
XIX	Transport and Communication ...	116	—	116
XX	Distributive Trades ... ..	306	446	752
XXI	Insurance, Banking and Finance ... ..	9	5	14
XXII	National and Local Govern- ment Services ... ..	264	45	309
XXIII	Professional Services ... ..	38	53	91
XXIV	Miscellaneous Services ... ..	22	85	107
	Ex-Service Personnel on leave ...	2	—	2
	TOTALS ... ..	3089	1677	4766

Notes : \*For details of Industrial Groups see Standard Industrial Classification 1948 (H.M.S.O.)

†These persons include those who were new entrants into insurance at 5th July, 1948 and the figures are therefore now comparable with years prior to 1948.

## MINISTRY OF LABOUR AND NATIONAL SERVICE.

National Insurance Act, 1946 : Industrial Analysis of Estimated Number of  
National Insurance Cards held by Class I Insured Persons

(Employed and Unemployed)†

in June 1955 for Merthyr Tydfil, Treharris and Merthyr Vale Employment  
Exchanges and Y.E.O. Areas.

Order	*Industrial Group	Males aged 15 and over.	Females aged 15 and over.	Total Males & Females aged 15 and over
I	Agriculture, Forestry and Fishing ... ..	74	1	75
II	Coalmining ... ..	4165	39	4204
	Other Mining and Quarrying ...	147	8	155
III	Treatment of Non-Metal Mining Products ...	51	1	52
IV	Chemicals and Allied Trades ...	13	19	32
V	Sheets and Tinplates ... ..	—	—	—
	Other Metal Manufacture ...	6	—	6
VI	Engineering ... ..	1852	223	2075
	Shipbuilding & Shiprepairing ...	1	—	1
	Electrical Goods ... ..	97	417	514
VII	Vehicles ... ..	497	323	820
VIII	Metal Goods not Elsewhere specified ... ..	149	13	162
IX	Precision Instruments, Jewel lery, etc. ... ..	1060	336	1396
X	Textiles ... ..	1	4	5
XI	Leather, Leather Goods and Fur ... ..	16	4	20
XII	Clothing ... ..	92	571	663
XIII	Food, Drink and Tobacco ...	248	173	421
XIV	Manufacture of Wood & Cork ...	57	5	62
XV	Paper and Printing ... ..	78	99	177
XVI	Other Manufacturing Industries ... ..	267	303	570
XVII	Building and Contracting ...	613	9	622
XVIII	Gas, Electricity and Water ...	377	28	405
XIV	Transport and Communication	914	58	972
XX	Distributive Trades ... ..	680	779	1459
XXI	Insurance, Banking and Finance ... ..	98	68	166
XXII	National and Local Govern- ment services† ... ..	883	352	1235
XXIII	Professional Services ... ..	438	857	1295
XXIV	Miscellaneous Services ... ..	169	641	810
	Ex-Service Personnel on leave ...	—	1	1
	TOTALS ... ..	13043	5332	18375

Notes : \*For details of Industrial Groups see Standard Industrial Classification  
1948 (H.M.S.O.)

†These persons include those who were new entrants into insurance  
at 5th July, 1948 and the figures are therefore now comparable with  
years prior to 1948.

‡This figure does not include a large proportion of Civil Servants who  
pay their N.I. contributions directly.



## **PART 3.**

### **Maternity and Child Welfare**

## LOCATION OF CLINICS.

There are five clinics in the County Borough area sited in such positions as to afford the greatest possible coverage of the area and easy accessibility for persons requiring to use them. The following are details of the individual clinics with a brief statement of the services they provide :

**i. Dowlais Clinic, New Road, Dowlais.**

Serves the Dowlais and northern portion of the Penydarren Wards. Has weekly Ante-natal and Infant Welfare Clinics with occasional Specialist Clinics. Post-natal Clinics held as required.

**ii. The Hollies Clinic, Albert Street, Merthyr Tydfil.**

Has weekly Ante-natal and Infant Welfare Clinics and fortnightly Post-natal Clinics. Has facilities for Sunlight and Orthopaedic Treatment. Has daily Dental Clinics with Dentist in attendance and frequent Specialist Clinics. Serves the central area of the County Borough that is, Town, Park and Cyfarthfa Wards and southern portion of Penydarren Ward.

**iii. Glantaf Clinic, Troedyrhiw.**

Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. Has facilities for Sunlight and Orthopaedic Treatment and Dental Clinics are held at least once weekly. Serves the areas of Pentrebach, Abercanaid and Troedyrhiw.

**iv. Canonbie Clinic, Aberfan.**

Has weekly Ante-natal and Infant Welfare Clinics with occasional Post-natal Clinics. Has facilities for Sunlight and Orthopaedic Treatment. Serves the areas of Aberfan, Merthyr Vale and Mount Pleasant.

**v. Treharris Clinic, Bethel Chapel Vestry, John Street, Treharris.**

Provides Ante-natal and Infant Welfare Clinics each Thursday and occasionally on Friday mornings. Serves Treharris Ward, that is Treharris, Edwardsville and Quakers' Yard.

Welfare Foods are sold at all the above Clinics on the days that the Infant Welfare Clinics are held. They are also available at certain other times during the week at these Clinics. See details on page 47.

## MATERNITY AND CHILD WELFARE

Ante-natal Clinics are held at least once per week at each Clinic in the County Borough area when the patients are seen by the Assistant Medical Officer in charge. The Health Visitors and Midwives for that particular area are also present. Periodic clinics are held by a Consultant Gynaecologist and Obstetrician when cases referred by the Assistant Medical Officers are seen. The following details show the attendances at the Ante-Natal and Post-Natal Clinics during 1955.

### Attendances at Ante-natal and Post-Natal Clinics, 1955.

	No. of Clinics provided	No. of Medical Officer Sessions held per month	Number of women in attendance		Total No. of atten'ces during Year
			Total no. of women	New cases	
Ante-Natal	5	30	509	466	3499
Post-Natal	5	5	101	81	136

The sub-joined table shows the number of blood specimens from Expectant Mothers which were taken by the Assistant Medical Officers at the Ante-Natal Clinics. A number of these patients were referred by their own General Practitioners or as in a very small number of cases, this Department arranged for the examination of specimens submitted by General Practitioners.

### Ante-Natal Blood Specimens—1955

Examined for.	Number
Rh. Factor ... ..	438
Wassermann Reaction ... ..	424
G.C.F. and Kahn ... ..	424
Blood Urea ... ..	8

All Clinics, with the exception of Dowlais and Treharris Clinics, have fully equipped Dental Clinics for the treatment of Nursing and Expectant Mothers. During the year, 156 Dental Sessions for Mothers and Young Children were held at the Clinics throughout the Borough and treatment for two hundred and twenty six expectant or nursing mothers and two hundred and thirty children under school age was completed.



Child Welfare Clinics with an Assistant Medical Officer in attendance are held at each of the Clinics in the County Borough once weekly and there is an average of thirty sessions per month in the area. The number of children under one year who first attended a Clinic in 1955 was 690 and the total number of children under five who attended was 1641. The following table enumerates the attendances according to age-group :

#### Attendances at Infant Welfare Clinics.

Age Group	No. of attendances during year.
Under 1 year ... ..	7786
1 year but under 2 years	1426
2 years but under 5 years	635
Total Attendances ...	9847

There are nine Health Visitors employed by the Local Health Authority and these nurses also carry out the duties of School Nurses for the Local Education Authority. There are no specialist Health Visitors, all being responsible for visits to Mothers and Children, attendance at various clinics, special investigations, visits to notified cases of Measles and Whooping Cough and Tuberculosis visiting. Details of these visits during 1955 are set out below :—

#### Visits by Health Visitors—1955

Type of Visits	Children under 5 yrs.	Expectant Mothers	Children aged			T.B. visits	Other visits
			Under 1 yr.	1-2 yrs.	2-5 yrs.		
First Visits	846	516	846	—	—	—	—
Total Visits	14968	715	5402	3403	6163	692	1813

(Note : Other Visits include investigations of Home Help Applications, houses where Home Helps are working, Infectious Diseases Investigations, Stillbirth and Infant Death Inquiries, etc.)

The total number of Families or Households visited by the Health Visitors during 1955 in order to accomplish the investigations, routine visits, etc., appearing in the above table was 15,440.

#### Midwifery.

There are eight Midwives employed by the Local Health Authority under its Domiciliary Midwifery Scheme. These midwives



reside in various parts of the Borough in order to ensure an even distribution with regard to the population and maximum availability and efficiency. The Medical Supervisor of Midwives is Dr. Dilys Stephens, Assistant Medical Officer. During 1955, they attended two hundred and sixty five domiciliary cases. Of these cases, twenty-four were delivered when a doctor was present and the remaining two hundred and forty one without a doctor present. It was necessary for the midwives to send to General Practitioners for Medical Aid under Section 14(1) of the Midwives Act 1951, in forty nine cases. The midwives also attended four hundred and seventy six cases on discharge from institution and before the fourteenth day. They also reported that in one hundred and sixty two of the cases delivered at home, the baby was wholly breast-fed on the fourteenth day. All midwives are trained to use gas and air apparatus and each has her own. One hundred and twenty-four cases were delivered with the administration of gas and air analgesia without a doctor being present and twelve such cases when a doctor was present.

### Care of Premature Infants.

The following table details the number of premature infants born in the County Borough Area during the year. As I have stated in previous reports, there is still no premature unit in this County Borough and consequently, the units at St. David's Hospital, Cardiff, Church Village, Newport and Neath have to be used. I have already mentioned that Dr. Nash and I have completed a detailed inquiry into Infant Mortality in 1954 with which the question of Prematurity is associated. When Dr. Nash's survey is completed, I hope to be able to make some observations on Premature Births.

### Premature Births.

Notified from	Number	
	Live	Still
Hospital ... ..	64	9
Home ... ..	21	1
Private Nursing Home ...	Nil.	Nil.

Weight at birth	PREMATURE LIVE BIRTHS										PREMATURE STILL-BIRTHS		
	Born in Hospital				Born at home and nursed entirely at home			Born at home and transferred to hospital on or before 28th day			Born in hos-pital	Born at home	Born in nursing home
	Total	Died within 24 hrs. of birth	Survived 28 days		Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days			
(a) 3 lb. 4 oz. or less (1,500 gms. or less) ...	5	1	2		1	1	—	4	2	—	5	1	—
(b) Over 3 lb. 4 oz. up to and including 4 lb. 6 oz. ... (1,500-2,000 gms.)	15	—	15		2	—	2	—	—	—	4	—	—
(c) Over 4 lb. 6 oz. up to and including 4 lb. 15 oz. ... (2,000-2,250 gms.)	15	1	14		2	—	2	—	—	—	—	—	—
(d) Over 4 lb. 15 oz. up to and including 5 lb. 8 oz. ... (2,250-2,500 gms.)	29	1	27		12	1	11	—	—	—	—	—	—
Totals ...	64	3	58		17	2	15	4	2	—	9	1	—

## ST. TYDFIL'S HOSPITAL AND GWAUNFARREN MATERNITY HOME

Seven hundred and thirty-four cases entered St. Tydfil's Hospital and Gwaunfarren Maternity Home during the year for confinement, of whom 626 were mothers from the County Borough Area. Priority for admission was given to Primipara cases with obstetrical difficulties and secondly to cases where home conditions anticipated were not satisfactory.

### *St. Tydfil's Hospital :*

Total Number of births	...	...	...	...	283
Total number of Stillbirths	...	...	...	...	13
Maternal Deaths	...	...	...	...	Nil.

### *Gwaunfarren Maternity Home :*

Total number of Births	...	...	...	...	451
Total number of Stillbirths	...	...	...	...	12
Number of Maternal Deaths	...	...	...	...	1

The following are details of premature infants born in hospital during 1955 :

Total Live Premature Births	...	...	...	64
No. died within 24 hours	...	...	...	3
Number survived 28 days	...	...	...	58
Total Premature Stillbirths	...	...	...	9

## PUERPERAL PYREXIA.

There were two cases of Puerperal Pyrexia notified during the year.

There were no deaths from Puerperal Pyrexia during the year.

## OPHTHALMIA NEONATORUM

No case of Ophthalmia Neonatorum was notified during the year.

## DENTAL CARE.

As stated in the beginning of this Part of the Report, facilities are available for the Dental Treatment of Mothers and Young Children at Merthyr and Troedyrhiw Clinics. Two Dental Officers are employed by the Local Authority and during 1955, they devoted one hundred and fifty six sessions (i.e. completed half-days or equivalent) to the treatment of maternity and child welfare cases. The following tables show in greater detail the work carried out in this respect :

# DETAILS OF DENTAL TREATMENT—1955.

## Dental Treatment—Cases Treated.

	Examined	Needing Treatment	Treated	Made Dentally Fit
Expectant and Nursing Mothers	282	262	230	220
Children Under Five ...	240	218	208	198

## Forms of Treatment Received.

	Extractions	Gen. Anaesthetics	Fillings	Scalings and Gum treatment	Silver Nitrate treatment	Radio-graphs	Dentures provided	
							Full Upper or Lower	Partial Upper or Lower
Expectant and Nursing Mothers ...	986	94	124	56	16	—	36	18
Children under five ...	258	46	40	24	32	—	—	—

## MATERNITY AND CHILD WELFARE DENTAL OFFICER'S REPORT.

Overleaf is a report of the work done at the Maternity and Child Welfare Clinics. The attendances of expectant and nursing mothers are again on the increase since a charge is now made for those attending private practitioners and in coming again to the clinic no charge is made and this specially applies to those requiring dentures. All nursing and expectant mothers receive treatment or the advice of the clinic doctors and only urgent treatment is given to those in the later stages of pregnancy. There is an increase also in the number of Infant Welfare cases which is good in its way, in that it gives these young children confidence in coming to the clinic in their school years and early treatment saves a lot of trouble in later years. All teeth in these young ones are saved as far as possible and only in necessitous cases are extractions carried out. In the details of treatment, it should be noted that the item "other operations" includes such cases as gum treatment, scaling, ulcers, etc. Instruction is given to the mothers on the importance of hygiene of the mouth both for themselves and their young children. All nursing mothers receive dental treatment and expectant mothers are advised to return for treatment after the birth of the baby.

### Welfare Foods.

On 28th June, 1954, the Local Authority took over responsibility for the distribution and sale of Welfare Foods within the County Borough from the Ministry of Food. A Welfare Foods Officer and one assistant were appointed and during 1955 the following foods were sold at the various Clinics throughout the Borough :—

National Dried Milk	Full-cream	} ...	33,330 tins
	Half-cream		1,537 tins
Cod Liver Oil	... ..	...	5,081 bottles
Vitamins A and D	... ..	...	1,474 packets
Orange Juice	... ..	...	23,477 bottles

Distribution takes place at the various Clinics at the following times:—

<i>Dowlais Clinic</i>	...	Tuesday Afternoon	
<i>Merthyr Clinic</i>	...	Wednesday	} Morning and Afternoon
		Thursday	
		Saturday Morning	
<i>Troedyrhiw Clinic</i>	...	Monday Afternoon	
<i>Aberfan Clinic</i>	...	Monday	} Morning
		Tuesday	
<i>Treharris Clinic</i>	...	Friday Morning and Afternoon	



## BOARDING-OUT OF CHILDREN

The undermentioned particulars here are supplied by the Children's Officer :

### Children Boarded-out as on the 1st of September, 1955.

1.	Merthyr children boarded-out in Merthyr ...	59
2.	Children boarded-out in Merthyr by other Authorities ... ..	3
3.	Children supervised under Child Life Protection provisions ... ..	2

## PART 4.

# The Incidence and Control of Infectious and Other Diseases

# Infectious Diseases.

## WARD DISTRIBUTION OF NOTIFICATIONS RECEIVED—1955.

50

WARD	DISEASE	Scarlet Fever	Diphtheria	Whooping Cough	Measles	Erysipelas	Pneumonia	Polio	Paratyphoid	Puerperal Pyrexia	Gastro-Enteritis	Dysentery	Cerebro-Spinal Meningitis	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	TOTAL	
DO WLAIS	...	4	3	—	91	—	1	—	1	—	4	7	2	8	1	—	
PENYDARREN	...	7	1	8	119	—	—	1	—	—	2	9	—	11	—	158	
PARK	...	5	—	3	107	1	—	—	—	1	2	7	1	6	1	134	
CYFARTHFA	...	9	1	1	157	—	1	—	—	1	3	—	—	9	—	182	
TOWN	...	11	1	—	126	1	—	—	1	—	5	2	1	13	3	164	
PLYMOUTH	...	—	1	—	15	—	—	2	1	—	1	1	—	9	—	30	
MERTHYR VALE	...	—	—	1	21	1	—	1	1	—	—	—	1	9	1	36	
TREHARRIS	...	2	4	—	2	—	—	1	—	—	1	2	2	5	—	19	
TOTAL	...	38	11	13	638	3	2	5	4	2	18	28	7	70	6	—	845

(Uncorrected Notification Totals stated).

**DIPHTHERIA.**

The number of cases of Diphtheria notified	...	...	11
Number of deaths	...	...	Nil
Death Rate	...	...	Nil

During the year 1955 the total number of cases of diphtheria notified was 11, but none of these were cases of clinical diphtheria. No deaths occurred during 1955.

As stated in a previous Report, the immunisation campaign was commenced on the 12th of September, 1954.

Number of children completely immunised  
up to and including 31st December, 1955—21,233

During 1955, 509 children were immunized.

**SCARLET FEVER.**

Number of cases for the year 1955	...	...	38
Number of deaths	...	...	Nil

Of the 38 notified, 22 were removed to hospital, and the remainder were nursed at home. The disease continues to be mild in type.

**MEASLES.**

Number of Cases for the Year 1955	...	...	638
Number of Deaths	...	...	Nil.

**CEREBRO-SPINAL MENINGITIS.**

Seven cases of Cerebro-spinal Meningitis were notified during the year.

**ACUTE POLIOMYELITIS.**

There were five case of Poliomyelitis notified during the year.

**GASTRITIS, DIARRHOEA AND ENTERITIS**

There were two deaths from Diarrhoea, Gastritis and Enteritis during the year. Eighteen cases of gastro-enteritis were notified.

# RETURN SHOWING THE WORK OF THE CHEST CLINIC DURING THE YEAR 1955.

	Pulmonary				Non-Pulmonary				Total				Grand Total	
	Adults		Children		Adults		Children		Adults		Children			
	M	F	M	F	M	F	M	F	M	F	M	F		
A—I. DEFINITE CASES of Tuberculosis on Register at beginning of year ...	375	341	34	24										866
2. Transfers ...	2	5	—	1										8
3. Lost sight of cases returning ...	1	—	—	—										1
B—Number of NEW CASES diagnosed as tuberculosis during year :														
1. Class A. T.B. Minus ...	16	11	—	2			1	—	16	11	1	2		30
2. Class B. T.B. Plus ...	9	6	1	1		1	—	—	9	7	1	1		18
C—NUMBER OF CASES included in A & B written off the Dispensary Register during the year as :	401	363	35	28	34	36	9	14	437	399	45	42		923
1. Recovered ...	15	10	1	2	1	1	—	—	16	11	1	2		30
2. Dead (all causes) ...	13	5	—	—	1	—	—	—	14	5	—	—		19
3. Removed ...	2	3	—	—	—	—	—	—	2	3	—	—		5
4. For other reasons (Lost sight of) ...	4	3	1	—	—	1	—	—	4	4	1	—		9
D—NUMBER OF DEFINITE CASES of tuberculosis on the Dispensary Register at the end of year ...	367	342	33	26	32	34	9	14	401	376	43	40		860



## TUBERCULOSIS.

I am pleased to report that the Tuberculosis Death Rate for 1955 is the second lowest ever recorded in the County Borough, being 351 per million population the same as for 1954. The high death rate during the past number of years has been an unpleasant feature of our Public Health, particularly when compared with the remainder of Wales and the rate for England and Wales. Our percentage reduction has been one of the largest in the country over the past three years, but this has been of small concern when comparing our high rate with those of other areas.

The Health Visitors of the Local Authority also carry out the duties of Tuberculosis Visitors and during 1955 they made six hundred and ninety two visits to T.B. Patients at their own homes. The Health Visitors attend periodically at the Chest Clinic in order to acquaint themselves with the latest techniques in the nursing and treatment of tubercular cases. Much valuable co-operating is afforded by these attendances and the nurses are able to discuss specific cases with the Chest Physician's Medical and Nursing Staff. The District Nurses also participate in the treatment of T.B. patients at home who are either awaiting admission to Sanatoria or have been discharged therefrom. During the year, the District Nurses attended fifty four cases and, in order to carry out the treatments, paid two thousand, two hundred and seventy nine visits.

### NOTIFICATIONS.

Total number of Notifications	...	...	...	76
Pulmonary	...	...	Males	37
			Females	33
Non-Pulmonary	...	...	Males	4
			Females	2
<i>Notification Rates (Per Thousand Population) :</i>				
Pulmonary	...	...	Males	0.61
			Females	0.55
Non-Pulmonary	...	...	Males	0.08
			Females	0.04

### DEATHS.

Total number of Deaths	...	...	...	21
Pulmonary	...	...	Males	13
			Females	5
Non-Pulmonary	...	...	Males	2
			Females	1
<i>Death Rates (per million population) :</i>				
Pulmonary	...	...	Males	217
			Females	84
Non-Pulmonary	...	...	Males	33
			Females	17
Total Death Rate (all forms)	...	...	...	351

The age distribution of deaths from tuberculosis is given in the following table :

Age Periods	Deaths			
	Pulmonary		Non-pulmonary	
	M.	F.	M.	F.
0—1 ... ..	—	—	—	—
1—5 ... ..	—	—	—	—
5—15 ... ..	—	—	—	—
15—45 ... ..	1	3	1	1
45—65 ... ..	6	2	1	—
65 and upwards ... ..	6	—	—	—
Totals ... ..	13	5	2	1
21				

## ERYSIPELAS

Number of Notifications received during the year 3

Number of Deaths ... .. Nil.

The total number of notifications of persons suffering from Erysipelas received during the year 1955 was 3 as compared with 6 in the previous year.

## CHICKEN POX.

Chickenpox was not notifiable during the year, and we have no knowledge of the number of cases that occurred.

## BRONCHITIS.

Number of Deaths ... .. 83

Bronchitis Death Rate (Per Million Population) ...1390

Sixty of the deaths occurred amongst persons aged 65 years and over. Of these 45 were males and 15 were females.

**WHOOPING-COUGH.**

Number of deaths from Whooping Cough	...	Nil
Number of cases notified to the Department and visited by Health Visitors	... ..	13
Whooping Cough Death Rate	... ..	Nil

**PNEUMONIA.**

Number of Notifications received during the year	2
Number of Deaths	... .. 25
Pneumonia Death Rate (per Million Population)	... 418

**SMALL-POX**

No case of Small Pox was notified during the year.

**VENEREAL DISEASES.**

The facilities for diagnosis and treatment for the above conditions are in the Mardy Hospital Grounds.

The Clinics are available at 3 p.m. for females on Tuesdays and for males on Thursdays at 5 p.m. The Irrigation Room is open daily (except Sundays) at 12 noon and 5 p.m.

On January 1st, 1955, 2 males and 6 females were under treatment, during the year 1 male and 2 females came under treatment for the first time. The number of cases which ceased to attend before the completion of treatment was 1.

The number of cases remaining under treatment on the 31st December, 1955, was 1 male and 6 females.

The number of attendances—

(a) For individual attention of the Medical Officer was :  
163 males and 240 females.

(b) For intermediate treatment, e.g., dressings, etc. was :  
Nil.

Some patients attending the Clinic were from Glamorgan, Monmouthshire and Breconshire areas :

### Attendances at V.D. Clinic 1934—1955

Year	Males	Females	Total
1934	6120	1458	7578
1935	6887	1928	8815
1936	5981	1697	7678
1937	6564	1689	8253
1938	6018	1321	7339
1939	5802	995	6797
1940	4129	1070	5199
1941	2346	1459	3805
1942	2234	1851	4085
1943	1946	1699	3645
1944	2744	1110	3844
1945	2446	1430	3876
1946	2809	969	3378
1947	1406	681	2087
1948	1458	905	2363
1949	484	291	775
1950	671	306	977
1951	276	228	508
1952	203	67	270
1953	218	103	321
1954	177	133	310
1955	163	240	403

### Syphilitic Diseases

Number of Deaths ... .. One

### LABORATORY INVESTIGATIONS

The number of specimens submitted during the year were as follows :—

#### *PATHOLOGICAL SPECIMENS :*

Ear, Nose and Throat Swabs	...	...	59
Faeces	...	...	546
C.S. Fluid	...	...	62
Urine	...	...	5
Blood	...	...	20
Pus...	...	...	8

These figures do not, however, include the numbers of specimens of blood taken at the Ante-Natal Clinics for Rh. Factor and Wassermann Reaction. These are reported under the heading "Maternity and Child Welfare" in Section Four of this Report.

## HOSPITAL TREATMENT OF INFECTIOUS DISEASES

The following tables indicate the details of infectious diseases treated at the Mardy Isolation Hospital and Pontsarn Sanatorium during the year. These hospitals are, of course, controlled by the Regional Hospital Board, but owing to their association with the general work of prevention of infectious diseases, I think the inclusion of these details is of great interest. For a similar reason the details of Gwaunfarren Maternity Home are given because of its association with our Ante-Natal Clinics. Cases of infectious diseases from outside the County Borough Area are included in the tables.

### ANALYSIS OF CASES TREATED IN MARDY ISOLATION HOSPITAL — 1955.

DISEASE		In Hosp. 31/12/54	Ad- mitted	Dis- charged	Deaths	In Hosp. 31/12/55
Scarlet Fever	...	—	17	16	—	1
Diphtheria	...	2	22	20	—	4
C.S.M./T.B. Men	...	2	32	32	1	1
Poliomyelitis	...	—	26	25	—	1
Gastro-Enteritis	...	—	57	54	1	2
Chicken Pox	...	—	6	6	—	—
Pemphigus	...	—	1	1	—	—
Dysentery	...	3	31	34	—	—
Stomatitis	...	1	3	4	—	—
Erysipelas...	...	—	1	1	—	—
Tonsilitis	...	—	1	1	—	—
Whooping Cough	...	—	6	6	—	—
Measles	...	—	25	25	—	—
Paratyphoid	...	—	10	9	—	1
Croup	...	—	2	2	—	—
Observation	...	—	5	5	—	—
Impetigo	...	—	4	4	—	—
Anthrax	...	—	1	1	—	—
Bronchitis/Influenza	...	—	1	1	—	—
Mumps	...	—	4	4	—	—
<b>Total Infectious Diseases</b>	...	8	255	251	2	10
Tuberculosis	...	42	124	119	4	43
<b>Grand Total</b>	...	50	379	360	6	53



# ANALYSIS OF PATIENTS TREATED AT MARDY ISOLATION HOSPITAL—cont.

DISEASE	In Hosp. 31/12/54	Ad- mitted	Dis- charged	Deaths	In Hosp. 31/12/55
<b>Merthyr Tydfil C.B.</b>					
Scarlet Fever ...	—	11	11	—	—
Diphtheria ...	1	11	10	—	2
C.S.M./T.B. Men ...	—	8	8	—	—
Poliomyelitis ...	—	5	5	—	—
Gastro-enteritis ...	—	24	22	1	1
Chicken Pox ...	—	5	5	—	—
Mumps ...	—	1	1	—	—
Erysipelas... ...	—	1	1	—	—
Croup ...	—	1	1	—	—
Whooping Cough ...	—	1	1	—	—
Measles ...	—	13	13	—	—
Paratyphoid ...	—	3	3	—	—
Observation ...	—	2	2	—	—
Stomatitis ...	1	3	4	—	—
Tonsillitis ...	—	1	1	—	—
Impetigo ...	—	1	1	—	—
Dysentery ...	—	25	25	—	—
	2	116	114	1	3

## Aberdare U.D.C.

Measles ...	—	9	9	—	—
Diphtheria ...	1	10	9	—	2
C.S.M./T.B. Men ...	2	15	15	1	1
Poliomyelitis ...	—	7	7	—	—
Gastro-enteritis ...	—	25	25	—	—
Scarlet Fever ...	—	2	2	—	—
Dysentery ...	1	4	5	—	—
Observation ...	—	1	1	—	—
Anthrax ...	—	1	1	—	—
Whooping Cough ...	—	4	4	—	—
Mumps ...	—	2	2	—	—
Croup ...	—	1	1	—	—
Poliomyelitis ...	—	7	7	—	—
Bronchitis/Influenza ...	—	1	1	—	—
	4	89	89	1	3

**Analysis of Patients Treated at Mardy Isolation Hosp.—cont.**

DISEASE				<i>In Hosp.</i> 31/12/54	Ad- mitted	Dis- charged	<i>In Hosp.</i> Deaths 31/12/55
<b>Mountain Ash U.D.C.</b>							
Scarlet Fever	...	...	—		3	3	—
C.S.M./T.B. Men	...	...	—		7	7	—
Dysentery	...	...	—		1	1	—
Paratyphoid	...	...	—		2	2	—
Pemphigus	...	...	—		1	1	—
Measles	...	...	—		1	1	—
Impetigo	...	...	—		1	1	—
Observation	...	...	—		1	1	—
Gastro-Enteritis	...	...	—		8	7	1
				—	25	24	1

**Breconshire C.C. and Brecon Borough Council :**

Measles	...	...	—		2	2	—
Scarlet Fever	...	...	—		1	1	—
Observation	...	...	—		1	1	—
C.S.M./T.B. Men	...	...	—		2	2	—
Mumps	...	...	—		1	1	—
Poliomyelitis	...	...	—		13	12	1
Dysentery	...	...	—		1	1	—
Whooping Cough	...	...	—		1	1	—
Paratyphoid	...	...	—		2	1	1
				—	24	22	2

**Other Authorities :**

Impetigo	...	...	—		2	2	—
Chicken Pox	...	...	—		1	1	—
Diphtheria	...	...	—		1	1	—
Poliomyelitis	...	...	—		1	1	—
Totals	...	...	—		5	5	—

## TUBERCULOSIS.

## Summary of Patients Treated at Mardy Isolation Hospital and Pontsarn Sanatorium in 1955.

Group	Clinical condition on discharge	Discharges or Deaths in 1955			
		MARDY HOSPITAL		PONTSARN SANATORIUM	
		Males	Females	Total	Total
T.B. Minus	Quiescent	15	10	25	18
	Non-quiescent	11	5	16	1
T.B. Plus	Quiescent	12	11	23	10
	Non-quiescent	29	20	49	23
Died in Hospital	...	4	—	4	4
Non T.B.	...	3	3	6	1
BED STATE					
Beds Available	...	44	22	66	22
Beds Occupied on 31/12/55	...	28	15	43	17
Discharges during 1955	...	74	59	123	57
					17
					12
					42
					39
					29
					99

## VACCINATION

All the vaccinations and re-vaccinations carried out during the year were done by Medical Practitioners. Only under exceptional circumstances are vaccinations done at the Local Health Authority Clinics, although much importance is attached to the need for it and the Health Visitors encourage Parents to have their children vaccinated within six months. In 1955, sixty four vaccinations and eighty eight re-vaccinations were performed by the General Practitioners.

## HOME NURSING.

The nurses operating this service continue to be very hard worked, although a much greater degree of co-operation seems apparent this year with the General Practitioners. I am sure the Doctors are fully aware of the amount of work that the District Nurses have to cope with and except in a very few isolated cases, they have gone to some length to relieve the Nurses if it is at all possible to do so. The table below gives details of the numbers of cases attended and visits paid by the District Nurses during the year.

### Home Nursing Visits and Cases.

	Medi- cal.	Surg- ical.	Infect. Diseases.	T.B.	Maternal Compl'ns.	Other Cases	Total
Cases Atten'd	1083	295	8	54	44	253	1737
Visits Paid	32002	13348	10	2279	370	514	48563

The next table gives a further analysis of the cases and visits set out in the previous table. Details regarding children under 5 years and patients over 65 years and also those who had more than twenty-four visits in the year are as follows :—

### Home Nursing—Special Classes of Patient.

	Patients who at time of first visit were :		Patients who had more than twenty- four visits during year.
	Under 5 yrs	Over 65yrs	
Cases attended ...	76	570	393
Visits paid ...	570	13619	22588

## HOME HELPS

During the year, six home helps were employed on a part-time basis and they provided help in twelve cases. This may appear on first sight to be very small for a County Borough of this size, but considerable cooperation was received from the National Assistance Board in the provision of home helps. A large proportion of the cases are not in a position to pay all or part of the cost, and consequently, although the Superintendent Nursing Officer was instrumental in placing the Home Help, the Board took responsibility for them and these cases are not included in our figures. The twelve cases where help was provided came in the categories — Chronic Sick, including Aged and Infirm 11 ; Maternity 1.

## MEDICAL EXAMINATION OF EMPLOYEES STUDENTS, TEACHERS, ETC

The following are details of medical examinations which were carried out by the Medical Officer of Health and Assistant Medical Officers during the year :—

College Students and Teaching Appointments	100
Omnibus Department ... ..	27
Penoyre House Staff ... ..	2
Fire Brigade ... ..	4
Town Hall & Education Dept. Candidates ...	16
Public Works Employees ... ..	111
Police Candidates ... ..	2
Others ... ..	12
Total ... ..	274

## **PART 5.**

**Welfare, Mental Health Ambulance  
and other Allied Services**





## 65

Removed From :		Removed to :																																			
Home ... ..	7003	1086	206	2	359	1005	60	82	71	8	38	38	131	64	35	2	3	15	29	51	78	8	5	8	132	2	29	2	8	66	31	52	!	15	3	10728	
St. Tydfil's Hospital ... ..	6	114	54	1	2	16	2	1	19		5	2	12		32				724	785	4	9					5	1	5	6				1	7632		
General Hospital ... ..	200		13	15	10	34	2		1		2	4	12						1187	235	1	4		3			1		3	2			3	1732			
Mardy Isolation Hosp. ... ..	80	15			1	1	1			1		8	356		1				92															563			
Sandbrook Hospital ... ..		11																4																16			
Gwaunfarren Mat. Ho ... ..	15	18	1										2					60		2														98			
Cardiff Roy. Infirmary ... ..	11	24	1															1017																1053			
Llandough Hosp. ... ..		1																90																91			
East Glam. ... ..	2													2				94																98			
Prince of Wales Hosp. ... ..	9																	72																3			
Glanelly Hospital ... ..																		3																24			
Whitchurch Hospital ... ..	1	2																21																38			
Sully Hospital ... ..		1	4															33																796			
T.B. Clinic ... ..	15		356		2								2					138														2		359			
Pontsarn Sanatorium ... ..	30	13										5	284					21						1										8			
Hollies Clinic ... ..		2													3			3																266			
Fedw Hir Hospital ... ..	3	4																259																68			
St. David's ... ..																		68																516			
Other Hospitals & Clinics ... ..	5	2	10															499													5			158			
Factories ... ..	88	8																57																162			
Other Accidents ... ..	79	32																51																			
TOTALS ... ..	7547	1333	645	18	374	1056	66	85	91	10	43	57	785	64	370	2	3	12	29	11067	1020	85	21	5	12	132	2	35	3	8	74	39	71	1	19	3	24490



### AMBULANCE SERVICES.

The Ambulance Service is centralized at the Market Hall, Merthyr Tydfil and is under the direct control of the Medical Officer of Health, to whom an Ambulance Officer located at the Market Hall is responsible for the running and efficiency of the service. The remarks I made last year regarding the number of ambulances engaged upon conveying patients to various Out-Patients Departments in Cardiff still hold. However, Out-Patients Departments are now in operation at St. Tydfil's Hospital, and this may have some effect upon the distances that patients are carried to such Departments. But you will observe that there is yet another increase in the total mileage for the Year. Appeals have been made to the General Practitioners to give sufficient notice so that all the patients can be put on one Ambulance instead of having say, three ambulances going at half-hour intervals to Cardiff each carrying only one patient. These appeals, I feel sure, have not gone unheeded but still a great amount of running time is wasted by ambulances having to wait one or two hours at Cardiff until the patients are seen. This, of course is common to most Authorities who send patients some distance to Treatment and Consultation Centres. As I said last year, I would not expect preferential treatment for Merthyr patients so that they may be seen immediately on arrival and waiting time is thus minimal, but the fact remains that this system causes an unavoidable wastage of running-time and man hours. The following table shows a comparison of the Journeys, Patients carried and Mileage for the years 1949 to 1955.

#### Ambulance Service ; Mileage ; Patients ; Journeys, 1949-1955.

Year.	<i>Total number of journeys.</i>		<i>Number of Patients carried.</i>		<i>Total mileage covered.</i>	
1949	...	5072	...	6241	...	72035
1950	...	5926	...	10044	...	91831
1951	...	5853	...	12541	...	91835
1952	...	6359	...	14899	...	99419
1953	...	6582	...	16694	...	104548
1954	...	6924	...	18001	...	109527
1955	...	7407	...	24490	...	119882

Next, details of the patients per journey for the years 1950 to 1955 are given. I have not included the year 1949 because I feel that that year was not a typical one, the service having just started and not got into its stride. Its inclusion in the table would falsely exaggerate the trend in the Patients per journey factor. The continued increase in the number of Patients carried per Journey is indeed a gratifying trend because it indicates greater efficiency in the planning of journeys and loading of ambulances and a more economic application of the Service in general. I also feel that it

helps to substantiate my remarks that the co-operation and consideration of the General Practitioners is much greater.

### **Patients Carried per Journey, 1950-1955.**

<i>Year.</i>	<i>Patients per Journey.</i>
1950	1.697
1951	2.143
1952	2.343
1953	2.536
1954	2.600
1955	3.307

### **MENTAL HEALTH.**

The Local Authority is responsible for the control of the combined services of Mental Deficiency and the initial proceedings for Mental Treatment. The Local Authority has a special sub-committee of the Health Committee which deals with Mental Health Services. A part-time Consultant Psychiatrist, who deals principally with school children, is available on the Staff for adult cases. However, all adults almost without exception, attend the Psychiatric Out-Patients Clinic at the Merthyr General Hospital at which a Consultant Psychiatrist employed by the Regional Hospital Board attends. With regard to children, in addition to the part-time Psychiatrist, the Local Education Authority employs a full-time Psychologist. Two of the Assistant Medical Officers are recognised by the Ministry of Education for the purposes of certification of children under the Mental Deficiency Act. The Local Authority employs a full-time Duly Authorised Officer, who has the assistance of a part-time Deputy Duly Authorised Officer when required.

The subjoined table shows the number of patients in the various categories who entered Mental Hospitals during 1955 :

### **Admission to Mental Hospitals, 1955.**

<i>Hospital.</i>	<i>Voluntary.</i>	<i>Certified.</i>	<i>Temporary</i>
Cefn Coed Hospital, Swansea ...	25	3	5
Morgannwg Hospital, Bridgend	21	20	9
Mid-Wales Hospital, Talgarth	3	—	3
Whitchurch Hospital, Cardiff ...	3	—	—
Penyval Hospital, Abergavenny	2	—	—
Totals ... ..	54	23	17

i. *Prevention Care.* During the year, the co-operation of the Merthyr and Aberdare Hospital Management Committee has continued and full advantage has been taken of the facilities

provided by the Psychiatric Clinic held weekly in the Out-Patients' Department of the Merthyr General Hospital. Patients were submitted by the General Practitioners directly or through the Duly Authorised Officer. Where physical handicap or other causes prevent attendance at the Hospital, the Psychiatrist has willingly agreed to visit the home. Regular contact and liaison between relatives and patients receiving hospital treatment is maintained by the Duly Authorised Officer. Discharged patients are constantly supervised by the Local Health Authority and trial periods of discharge are given in order that patients may gradually re-orientate themselves and adapt themselves once more to home life. Where homes are unsuitable or not available, patients are discharged to Hostel Accommodation under Part III of the National Assistance Act.

ii. *Mental Deficiency.* There are four patients awaiting admission to Mental Deficiency Institutions in respect of whom applications have been made to the Regional Psychiatrist. Two are at present accommodated at St. Tydfil's Hospital. Great difficulty is being experienced in effecting the admission of patients because of the lack of accommodation.

### Patients from the County Borough in Institutions, 1955.

<i>Institution.</i>	<i>Male</i>				<i>Female</i>			
	Over 16.		Under 16.		Over 16.		Under 16	
Hensol Castle, Pontyclun ...	13	...	—	...	7	...	—	...
Llwyn View, Dolgelly ...	—	...	—	...	1	...	—	...
Stoke Park Colony, Bristol ...	4	...	—	...	—	...	—	...
St. Mary's Convent, Roehampton	—	...	—	...	1	...	—	...
Llys Maldwyn Hosp., Caersws...	—	...	—	...	1	...	—	...
Llanfrechfa Grange, Newport ...	1	...	—	...	—	...	—	...
Eryri Hospital, Caernarvon ...	—	...	1	...	—	...	—	...

iii. *Defectives in the Community.* The Local Authority is responsible for the supervision of patients on license from Mental Defective Institutions. Reports on home conditions and supervision are carried out by the Duly Authorised Officer in co-operation with the Health Visitors. The number of defectives under special supervision in 1955 is shown in the following table :

### Defectives under Supervision, 1955.

	<i>Males.</i>				<i>Females.</i>			
	Over 16.		Under 16.		Over 16.		Under 16	
Awaiting admission to Institutions	1	...	2	...	—	...	1	...
Under supervision ...	24	...	16	...	25	...	20	...



## WELFARE SERVICES.

### 1. NATIONAL ASSISTANCE ACT, 1948.

#### (a) Section 21, Provision of Residential Accommodation.

During 1955, residential accommodation was provided at St. Tydfil's Hospital for an average weekly number of one hundred and two persons. The age groups of these persons were as follows :

Men.		Women.		Total.
Under 65 yrs.	Over 65 yrs.	Under 65 yrs.	Over 65 yrs.	
19	59	5	10	93

Of these, four men and one woman were chargeable to Glamorgan County Council and one man to Hants. County Council.

In addition, sixty cases were admitted to Hospital and twenty were discharged. A further twenty-one cases were discharged at their own request. Twenty-four new cases were admitted during the year to Part III accommodation. Temporary accommodation was provided for fifteen persons seeking shelter of a temporary nature through eviction or other urgent causes.

*Pant House.* Residential accommodation was provided for an average weekly number of fourteen persons in the following age groups :

Women.		Total
Under 65 yrs.	Over 65 yrs.	
7	7	14

*Pentrebach House* was opened on the 14th March, 1955, providing accommodation for 33 male persons. The average weekly number accommodated during the year was twenty-two. The surroundings and amenities compare very favourably with Hostels provided by other Local Authorities in Wales.

Facilities for the weekly attendance of residents at local Cinemas were available throughout the year and season tickets were provided for those desirous of attending football matches. Concerts were also given at St. Tydfil's Hospital and the residents of Pant House were entertained to teas, concerts, etc., by voluntary organisations attached to the local churches. The Entertainments Committee of the County Borough, as usual, provided tickets for the Annual Fete and Gala held at Cyfarthfa Park.

#### (b) Section 29—Welfare of the Blind.

The welfare of blind persons is undertaken on an agency basis on behalf of the Council by the Merthyr Tydfil and Mid Wales Institution for the Blind. The number of registered blind persons during the year was three hundred and twenty-three, which is a decrease of six since last year, this being largely confined to persons over seventy years.

The blind population is grouped as follows :—

0-1	1-5	5-16	16-21	21-40	40-50	50-65	65-70	Over 70 yrs
Nil.	2	3	2	8	24	55	34	195

Of the eighteen persons employed in the Workshops, six men work in the Basket Department, four men in the Brush Department, five men in the Mat Department and three women in the Hosiery Department. The Institute has the services of a Blind Organiser employed by the Royal National Institute, and two persons during the year, were employed in sighted industry.

During the year, ninety four persons were examined by Dr. Parry for blindness, and twenty five were certified as Blind Persons in accordance with the Act.

On the 31st December, 1955, there were ninety one Partially Sighted Persons on the Register, grouped as follows :—

21-40	40-50	50-65	65-70	Over 70 yrs.
1	—	11	9	70

### (c) Incidence of Blindness.

During the year 1955, twenty five persons were admitted to the Register of the Blind and sixty nine to the Register of the Partially-sighted upon receipt of Form B.D.8.

Of the forty five blind persons, the cause of the disability was Cataract in 13 cases, 7 of which were recommended for treatment and treatment was commenced in 4 of those cases. Four cases of Glaucoma were registered, two of which were recommended for and commenced treatment. Eight cases were classified under the heading "Other Causes", 3 being recommended for and commenced treatment. No cases were registered through Retro-lental Fibroplasia.

On the Partially Sighted Register, Form B.D.8 recommended treatment in 17 cases out of the nineteen cases of Cataract registered and treatment was commenced in all these cases. Eight cases of Glaucoma were registered, recommended for treatment and treatment commenced. Forty two cases were registered through other causes and all received treatment.

No cases of Ophthalmia Neonatorum were notified during the year.

Total number of Forms B.D.8 received was 96.

### Follow-Up of Registered Blind Persons—1955.

	Cause of Disability			
	Cataract	Glaucoma	Retro-lental Fibroplasia	Others
(a) Number of cases registered during the year in respect of which para. 7(c) of Forms BD8 recommends :				
i. No treatment ... ..	6	2	Nil.	5
ii. Treatment (Medical, Surgical or Optical) ...	7	2	Nil.	3
iii. Number of cases in ii above which on follow-up action have received treatment	4	1	Nil.	3

# FOLLOW-UP OF REGISTERED PARTIALLY SIGHTED PERSONS —1955

	Cause of Disability			
	Cataract	Glaucoma	Retrolental Fibro-plasia	Others
(b) Number of cases registered during the year in respect of which para. 7(c) of Form B.D.8 recommends :				
i. No treatment ... ..	2	1	Nil	15
ii. Treatment (Medical, Surgical or Optical) ...	17	7	Nil	27
iii. Number of cases in ii. above which on follow up action have received treatment ... ..	16	7	Nil	27

## CEREBRAL PALSY, SPASTICS AND EPILEPTICS

The following data regarding Cerebral Palsied, Spastics and Epileptics has been made available through various sources, including the Home Nursing Service, Health Visitors and Welfare Service. Whilst I do not think it is complete, it does include a large proportion of those persons suffering from these complaints.

### (a) Cerebral Palsied.

A large number of these consist of adult Hemaplegics, many of advanced years. There are, however, a few children which are known to come into this category. The following table sub-divides the known cases :—

Category.	Male.	Female.
Adults ... ..	13	14
Pre-school age... ..	1	1
School age—Attending School	4	6
Non-attenders	1	1

Of the fourteen cases included in the Categories Pre-school and School Age, one boy and two girls were recommended for admission to a Special School.

*(b) Spastics.*

I am confident that all Spastics of school age and younger are known to the Department, but our figure for adults is not complete. We have included a number of cases who were known to be Spastics when in school and have now grown up. As for the still older portion of the population, it is only by local knowledge of the Health Visitors and District Nurses, that we are able to discover them.

<i>Category.</i>	<i>Male.</i>	<i>Female</i>
Adults—Working ... ..	1	—
Not Working ... ..	6	1
Pre-school age ... ..	4	2
School-age—Attending School	7	5
Non-attenders	4	2

There are twenty Spastics under or of school-age. Of these six boys and two girls are receiving treatment through the local Health Authority in conjunction with the Hospital Services. Three of the boys have also been recommended for admission to a Special School. One boy, aged 14 years, has attended one such school during the year.

*(c) Epileptics.*

There are forty-two known Epileptics in the County Borough and the following table shows the sub-divisions :—

<i>Category.</i>	<i>Male.</i>	<i>Female.</i>
Adults ... ..	12	15
Pre-school age... ..	—	—
School-age—Attending School	4	5
Non-attending ... ..	5	—

Of the above, two boys and three girls are receiving regular treatment from the Local Health Authority in conjunction with the Hospital Management Committee. Of the forty-two cases, six adult males, four boys, four adult females and one girl suffer from Epilepsy associated with Mental Deficiency or Retardation.



## **PART 6.**

### **Sanitary Inspection and Housing**



## SANITARY INSPECTIONS OF THE AREA.

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Of the Notices served, 530 were Statutory and 878 Informal.

Repairs carried out or nuisances abated :

1. Number of houses repaired or made fit	...	...	527
2. Provided with vertical damp courses	...	...	68
3. Roofs repaired	...	...	451
4. Floors repaired, ventilated, etc.	...	...	151
5. Internal plasterings to walls and ceilings	...	...	123
6. Windows repaired, and made to open, etc.	...	...	164
7. Sash cords renewed	...	...	110
8. Food Stores repaired, etc.	...	...	31
9. Stairs and staircases repaired	...	...	48
10. Skirting boards, provided or repaired	...	...	96
11. Doors repaired, re-hung or renewed	...	...	189
12. Firegrates repaired, re-set or renewed	...	...	115
13. Chimney stacks repaired	...	...	98
14. Sink wastes repaired or renewed	...	...	61
15. New Sinks provided or fitted	...	...	10
16. External walls repaired, cemented or re-built	...	...	72
17. Ovens repaired or renewed	...	...	21
18. Eaves gutters and rainwater pipes repaired or renewed	...	...	353
19. Dangerous walls repaired	...	...	52
20. Yards and passages repaired and paved	...	...	46
21. Obstructed drains cleansed	...	...	413
22. Yard gulleys provided	...	...	14
23. Drains repaired or reconstructed	...	...	95
24. Inspection chamber covers renewed	...	...	56
25. W.C. pans renewed	...	...	48
26. W.C. cisterns repaired or renewed	...	...	109
27. Soil pipes or ventilating shafts renewed or repaired	...	...	51
28. Closet structures repaired or reconstructed...	...	...	123
29. Animals improperly kept	...	...	28
30. Smoke nuisances	...	...	10
31. Accumulations	...	...	215

## INSPECTIONS

*Inspections Made During the Year :*

Housing	...	...	...	...	...	...	...	721
Council Houses	...	...	...	...	...	...	...	312
Mechanical Factories	...	...	...	...	...	...	...	212
Non-Mechanical Factories	...	...	...	...	...	...	...	142
Bakehouses	...	...	...	...	...	...	...	283
Workplaces	...	...	...	...	...	...	...	150
Food Preparation Premises			...	...	...	...	...	468
Canteens	...	...	...	...	...	...	...	288
Fish Fryers	...	...	...	...	...	...	...	218
Inns, Public Houses, etc.	...	...	...	...	...	...	...	267
Milk and Dairies Regulations			...	...	...	...	...	182
Slaughter-houses and Meat Depots...			...	...	...	...	...	1196
Offensive Trades	...	...	...	...	...	...	...	71
Food Hawkers	...	...	...	...	...	...	...	196
Common Lodging-houses	...	...	...	...	...	...	...	84
Houses let in lodgings	...	...	...	...	...	...	...	98
Infectious diseases investigated			...	...	...	...	...	161
Infectious diseases re-visits	...	...	...	...	...	...	...	141

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Complaints received	...	...	...	...	...	...	...	882
Notices issued	...	...	...	...	...	...	...	1408
Clothing/Premises disinfected			...	...	...	...	...	172
Premises disinfested	...	...	...	...	...	...	...	298
Lengths of Drains tested (in feet)	...	...	...	...	...	...	...	3343
Disinfestation on removal to Council House	...	...						252

## RODENT CONTROL.

### PREVENTION OF DAMAGE BY PESTS ACT, 1949.

In accordance with the requirements of the above Act and instructions issued by the Director of Infestation Control, Ministry of Agriculture and Fisheries, the work of Rodent Control was continued throughout the year by the Rodent Control Staff under the supervision of the Chief Sanitary Inspector.

Complains from Occupiers of 726 premises were investigated and treatment carried out where necessary. Numerous other infestations were discovered and were dealt with accordingly. In addition the baiting and poisoning the sewers throughout the Borough has been continued.

#### 1. TREATMENT OF SEWERS.

The treatment of sewers was completed in accordance with the Ministry of Agriculture and Fisheries instructions.

Two Maintenance Treatments were carried out during the year as follows :—

1st *MAINTENANCE TREATMENT*—24th January to 11th February, 1955 :

Number of manholes in foul and connected systems ...	2060
Number of manholes baited ... ..	631
Number of manholes showing prebait take ... ..	387
Scheme of baiting used ... ..	Consecutive days
Bait and Poison used ... ..	Bread Mash & Arsenic

#### *TEST BAITING :*

(i) Date on which tests were laid ...	11th-14th Jan., 1955
(ii) Number of manholes tested ... ..	48
(iii) Number of tested manholes showing bait take ...	11

2nd *MAINTENANCE TREATMENT*—4th July to 22nd July, 1955 :

Number of manholes in foul and connected systems ...	2060
Number of manholes baited ... ..	641
Number of manholes showing prebait take ... ..	379
Scheme of baiting used ... ..	1st, 3rd & 5th days
Bait and Poison used ... ..	Sausage Rusks and Zinc Phosphide

#### *TEST BAITING :*

(i) Date on which tests were laid ...	13th-20th June, 1955
(ii) Number of manholes tested ... ..	194
(iii) No. of tested manholes showing bait take ...	29

#### 2. COMBINED SEWER AND SURFACE DISINFESTATIONS.

As a result of notification ... ..	26
„ „ Survey ... ..	53
Total inspections including reinspections ... ..	131
Major infestations found ... ..	31
Minor infestations found ... ..	21
Total treatments carried out ... ..	52
Total treatments carried out including retreatments	105

## 3. SURFACE DISINFESTATIONS.

The work carried out by the Rodent Control Staff in connection with Surface Disinfestations is enumerated in the following table:—

	TYPE OF PROPERTY				
	Local Author- ity	Dwell- ing Houses	Agri- cultural	All Others	TOTAL
Number of properties in Local Authority's District ... ..	216	17374	75	1322	18987
Number of properties inspected as a result of :—					
(a) Notification ... ..	47	609	—	70	726
(b) Survey under Act ... ..	70	614	59	121	864
(c) Otherwise—When visited for some other purpose ... ..	18	52	—	19	89
Total Inspections—including re-inspections ... ..	403	1,441	59	260	2,163
Number of premises found to be infested by :—					
(a) Rats					
Major ... ..	13	72	—	15	100
Minor ... ..	22	408	—	27	457
(b) Mice					
Major ... ..	6	115	—	6	127
Minor ... ..	8	121	—	6	135
Number of infested premises treated by local Authority ... ..	49	715	—	54	818
Total number of treatments including re-treatments ... ..	80	805	—	68	953
Number of notices served under Section 4 :—					
(a) Treatment ... ..	—	—	—	2	2
(b) Structural works (i.e. proofing) ... ..	—	—	—	—	—
Number of cases in which default action was taken following the issue of a notice under Sec. 4	—	—	—	—	—
Legal Proceedings ... ..	—	—	—	—	—
No. of Block Control schemes carried out ... ..	—	—	—	—	22

## 4. REFUSE TIPS.

All Refuse Tips in the Borough were inspected regularly during the past year and where infestations were found they were dealt with accordingly.

## SHOPS ACT 1950 and other MISCELLANEOUS ACTS.

### **Shops Act 1950 :**

In connection with this Act and the Young Persons (Employment) Act 1938, 524 visits of inspection etc. were made in order to ensure the records, hours of employment etc. were correctly observed at shops, wholesalers and other premises where this Act is operative. A small number of minor infringements were noted but these were corrected on giving a verbal warning. Ten written notices were issued for non-compliance.

727 visits of inspection and registration were made under Section 37 of the Shops Act 1950, which embraces the health and welfare of shop workers, and also under the Early Closing, and Hours of Closing Sections. Thirty informal notices were served under Section 37 and details of these are enumerated below :—

<i>Requirement.</i>	<i>Number Defective.</i>	<i>Informal Notices Served.</i>	<i>Statutory Notices Served.</i>
Provision and maintenance of :			
(a) Sanitary Conveniences	... 14	9	Nil.
(b) Washing Facilities	... 7	2	Nil.
(c) Temperature	... 9	3	Nil.
(d) Ventilation	... —	—	Nil.
(e) Facilities for Meals	... —	—	Nil.
Total	... 30	14	—

There was one Prosecution taken under the Shops Act 1950 for allowing a shop to remain open after the General Closing Hours ; the shopkeeper was fined 10/-.

### **Pharmacy and Poisons Act :**

Thirty-seven premises are registered for the sale of Poisons listed in Part II of the Pharmacy and Poisons Act, 1933. One hundred and fifty-three visits of inspection were made during the year and in all cases the Act was properly observed.

### **Refreshment Houses Act, 1870.**

Thirty seven licenses of registration under this Act were issued by the Town Clerk's Department during the year.

### **Heating Appliances (Fireguards) Act.**

Three warnings were served on shopkeepers for failing to observe the regulations made under this Act.

## **COMMON LODGING HOUSES.**

There are 6 common lodging-houses in the Borough and 84 visits of inspection were made by the Inspectors. Eight notices were served during the year to abate nuisances or remedy defects. The conditions generally may be said to be fairly satisfactory.

## **HOUSES LET IN LODGINGS.**

Twenty five remain on the Register. Ninety eight visits of inspection were made by the Sanitary Inspectors, and 12 notices were served, to abate nuisances or remedy defects.

## **OFFENSIVE TRADES.**

There are 4 premises where offensive trades are carried on : gut-scrapers, 1 ; fellmonger, 1 ; knackers, 1 ; fat-rendering, 1 ; No complaints regarding these premises were received during the year.

## **SCHOOLS.**

The sanitary condition of Schools is reported in the School Medical Report. The action taken in relation to the health of the scholars and for preventing the spread of infectious diseases is in conformity with the Memorandum on the Closure and Exclusion from School, 1925, issued conjointly by the Ministry of Health and the Ministry of Education, and revised in 1943.

## **CLOSET ACCOMMODATION.**

One hundred and nine notices to repair or replace w.c. cisterns and forty eight notices to renew w.c. pans were served during the year. Six hundred and fifteen notices were issued to repair dilapidated, defective and choked drains.



### PROSECUTIONS 1955

The following is a summary of Police Court Proceedings taken during 1955 :—

<i>Nature of Offence, and Act under which proceedings were taken.</i>	<i>Initials of Defendant.</i>	<i>Result</i>
1. Nuisance under Public Health Act, 1936	J.H.E.	Withdrawn on completion of Notice.
2. Nuisance under Public Health Act, 1936	J.H.E.	Withdrawn on completion of Notice.
3. Nuisance under Public Health Act, 1936	J.H.E.	Withdrawn on completion of Notice
4. Nuisance under Public Health Act, 1936	W.M.B.	Order for 14 days.
5. Nuisance under Public Health Act, 1936	J.H.E.	Order for 14 days.
6. Nuisance under Public Health Act, 1936	J.H.E.	Order for 6 weeks. Fined £1 and daily penalty in default of order
7. Nuisance under Public Health Act, 1936	J.H.E.	Order for 6 Weeks and Fined £1.
8. Nuisance under Public Health Act, 1936	W.J.	Withdrawn on completion of Notice
9. Nuisance under Public Health Act, 1936	J.H.E.	Order for 28 days.
10. Food and Drugs Act	M.H.	10 fines of £10. Total—£100
11. Nuisance under Public Health Act, 1936	M.P.	Order for 28 days. Payment of Costs in default of Order
12. Nuisance under Public Health Act, 1936	W.G.	Absolute Discharge on payment of Costs.
13. Food and Drugs Act	W.J.	Fined £10
14. Nuisance under Public Health Act, 1936	J.H.E.	Order for 30 days
15. Nuisance under Public Health Act, 1936	J.H.E.	Withdrawn on completion of Notice
16. Nuisance under Public Health Act, 1936	I.H.	Withdrawn on completion of Notice
17. Nuisance under Public Health Act, 1936	W.M.B.	Withdrawn on completion of Notice
18. Nuisance under Public Health Act, 1936	J.H.E.	Order for 14 days
19. Nuisance under Public Health Act, 1936.	J.H.E.	Order for 21 days.

## PUBLIC CLEANSING.

### REFUSE COLLECTION :

With the completion of the change-over from horse-drawn vehicles to mechanical transport, a twice weekly system of collection is now in operation.

### REFUSE DISPOSAL.

Refuse collected from the Town, Dowlais, Penydarren and Parks Areas was deposited at Twynyrodyn Site and near Mansfield Terrace.

Refuse from the Lower valley areas—(a) Abercanaid, Pen-tre-bach, Troedyrhiw at Twynyrodyn site. (b) Treharris, Quakers' Yard, Abercynon and Merthyr Vale at Mount Pleasant site.

### STREET CLEANSING :

Roads and streets throughout the Borough are cleansed each day by manual and mechanical brushing. Street gullies are emptied and cleansed by Automatic Gully Cleansers.

## HOUSING STATISTICS.

## NEW HOUSES.

Number of New Houses erected during the year :—

(a) Total, including numbers given separately under (b) ... ..	188
(b) With State assistance under the Housing Acts :—	
(i) By the Local Authority ... ..	163
(ii) By other bodies or persons ... ..	25

**1. Inspection of Dwelling Houses during the Year :**

(1) (a) Total number of dwelling houses inspected (for housing defects under Public Health or Housing Acts) ... ..	936
(b) Number of inspections made for the purpose ... ..	1364
(2) (a) Number of dwelling houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ... ..	375
(b) Number of inspections made for the purpose ... ..	567
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..	201
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ..	645

**2. Remedy of Defects during the Year without Service of Formal Notices :**

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers ...	497
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**3. Action under Statutory Powers during the year :**

A.—Proceedings under Sections 9, 10 & 16 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which notices were served requiring repairs ... ..	—
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) By Owners ... ..	—
(b) By Local Authority in default of Owners ... ..	—

B.—Proceedings under the Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... ..	497
(2) Number of dwelling houses in which defects were remedied after service of formal notices :	
(a) By Owners ... ..	278
(b) By Local Authority in default of Owners ... ..	—

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling houses in respect of which Demolition Orders were made ... ..	15
(2) Number of dwelling houses demolished in pursuance of Demolition Orders ... ..	8

D.—Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... ..	6
Premises closed ... ..	5

## HOUSING STATISTICS—continued.

- (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... .. —

## E.—Proceedings under Section 3 of the Housing Act, 1925 :—

- (1) Number of dwelling houses in respect of which notices were served requiring repairs ... .. —
- (2) Number of dwelling houses which were rendered fit after service of formal notices :—
- (a) By Owners ... .. —
- (b) By Local Authorities in default of Owners ... .. —
- (3) Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by Owners of intentions to close ... .. —

## F.—Proceedings under Sections, 11, 14 &amp; 15 of the Housing Act, 1925 :

- (1) Number of dwelling houses in respect of which Closing Orders were made ... .. —
- (2) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit —
- (3) Number of dwelling houses in respect of which Demolition Orders were made ... .. —
- (4) Number of dwelling houses demolished in pursuance of Demolition Orders ... .. 15
- Number of removals of tenants under Slum Clearance Scheme ... .. —
- From Houses ... .. 22
- From Cellars or parts of Houses ... .. 5
- Furniture and effects disinfested ... .. 27

## G.—Proceedings under Section 10 of the Local Government (Miscellaneous Provisions) Act, 1953 :

- (a) Number of Closing Orders under Section 10 (1) ... .. 23
- (b) Number of Closing Orders carried out ... .. 16

## 4. Number of Houses owned by the Local Authority, distinguishing those built in the last three years and held under Part 2 of the Housing Act, 1925, and (2) Other Powers :

## Houses owned by the Local Authority—1954 :

By Purchase	...	...	...	...	7	
Under 1890 Act	...	...	...	...	347	
Under 1919 Act	...	...	...	...	236	
Under 1924 Act	...	...	...	...	226	
Under 1930 Act	...	...	...	...	106	} 1988
Under 1936 Act	...	...	...	...	1882	
Number built during last 3 years	...	...	...	...	459	

## DISINFESTATION OF DWELLINGS.

During the year, complaints were received of bug, beetle or ant infestation in Corporation owned, or privately owned houses.

Spraying by recognised insecticides containing the proper percentage of DDT or GAMMAXENE was found to be very effective. This work has been carried out free of charge to the occupiers.

Number of Houses found to be infested with Bed Bug (all subsequently disinfested).

- (a) Council Houses ... .. 12
- (b) Other Houses ... .. 78

# **FACTORIES ACT, 1937 and 1948**

INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH, INCLUDING  
INSPECTIONS MADE BY SANITARY INSPECTORS—1955.

Premises  (1)	Number of			Number on Register
	Inspections (2)	Written Notices (3)	Occupiers Prosecuted (4)	
FACTORIES in which Secs. 1, 2, 3, 4 and 6 are enforced by Local Authority ... ..	252	18	Nil.	20
FACTORIES not included above in which Sec. 7 is enforced by Local Authority ...	498	15	Nil.	101
OTHER PREMISES in which Section 7 is enforced, but not including outworker's premises ... ..	38	2	Nil.	3
TOTAL ... ..	788	35	Nil.	124

# DEFECTS FOUND

87

Particulars	Number of Defects			Number of defects in respect of which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred by H.M. Inspector (4)	
(1)				
Want of Cleanliness (Section 1) ... ..	11	11	—	—
Overcrowding (Section 2) ... ..	—	—	—	—
Unreasonable Temperature (Section 3) ... ..	—	—	—	—
Inadequate Ventilation (Section 4) ... ..	—	—	—	—
Ineffective Drainage of Floors (Section 6) ... ..	—	—	—	—
Insufficient	—	—	—	—
Sanitary Conveniences S.7 Unsuitable or Defective	19	19	4	—
Not Separate for Sexes ... ..	—	—	—	—
Other Offences ... ..	5	5	—	—
TOTAL ... ..	35	35	4	—



# OUTWORK SECTIONS 110—111

88

NATURE OF WORK (1)	No. of Outworkers	Instances (2)	Notices Served (3)	Prosecutions (4)
WEARING APPAREL :— Making, etc. ...	1	Nil.	Nil.	Nil.
Carding etc. of Buttons, etc.	55	Nil.	Nil.	Nil.
TOTAL ...	56	Nil.	Nil.	Nil.

## PART 7.

# The Inspection and Supervision of Food

## MILK SUPPLY.

On December 31st, 1955, there were 26 retail purveyors of milk in the County Borough.

## MILK LICENSES.

The following licenses were issued during the year :—

Dealers' Licenses, authorising the use of the special designation, "Tuberculin Tested"	1
Dealers' Licenses authorising the use of the special designation, "Pasteurised" milk	22
Dealers' Licenses authorising the use of the special designation "Tuberculin Tested Milk (Pasteurised)"	12
Pasteurisers' Licenses authorising the use of the special designation, "Pasteurised"	1
Dealers' Licenses authorising the use of the special designation "Sterilized"	3

## Inspection of Dairies :—

During the year the Sanitary Inspectors paid 182 visits to inspection to dairies and 7 notices were served under Milk and Dairies Orders and other Regulations in respect of dairies, and milk-shops.

## BACTERIOLOGICAL EXAMINATION OF MILK.

The following table details the results of the bacteriological examination of all types of milk sampled in the County Borough during the year 1955.

Grade of Milk	Num'r Tested	Numbers Passed	Failed Meth.Blue Test	Failed Phosphat. Test
Pasteurised ...	40	40	Nil.	Nil.
T.T. (Past.) ...	31	31	Nil.	Nil.
T.T. ...	2	2	Nil.	Nil.
Sterilized ...	7	7	Nil.	Nil.

In addition one Pasteurized, one T.T. (Pasteurized) and one T.T. samples were taken for Tubercle Bacilli examination, all of which were reported as being negative.

**MEAT REGULATIONS.****FOOD AND DRUGS ACTS.**

The Regulations generally have been satisfactorily carried out during the year. The handling and transport of meat is observed in accordance with the above regulations, and the Meat vans are protected in such a manner as to prevent contamination of the meat.

Notice of emergency slaughter continues to be given where necessary. The slaughter of pigs, for home consumption, is carried out at the cottagers' premises, prior notice being given in each case as to the place and time of slaughter.

All meat-carriers in the Borough are provided with and wear washable head-covering and overalls when carrying meat.

		<i>Total</i>	<i>Bulls and Steers</i>	<i>Cows and Heifer</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>
Number Killed ...		16677	576	516	70	11976	3539
Number Inspected ..		16677	576	516	70	11976	3539
No. Affected with Diseases other than T.B.	Whole	45	3	2	—	28	12
	Part	2474	282	267	5	1790	130
Percentage affected with Diseases other than Tuberculosis		15.17	50.4	52.3	7.1	15.2	4.3
Number Affected with Tuberculosis	Whole	10	2	5	—	—	3
	Part	149	32	43	1	—	73
Percentage Affected with Tuberculosis ...		0.96	5.9	9.3	1.4	—	2.1
Number Affected with Cysticercosis ...		—	—	—	—	—	—

## SLAUGHTER-HOUSE AND MEAT INSPECTION.

One thousand one hundred and ninety-six visits were made for the purpose of meat inspection by the Sanitary Inspectors, who all possess the Certificate of the Royal Sanitary Institute for the Inspection of Meat and Other Foods.

There are two slaughterhouses in the County Borough area, one privately owned and the other leased to the Corporation.

### SLAUGHTER OF ANIMALS ACT, 1954.

Eighteen slaughter-men were given licenses during the year, and the provisions of the above Act regarding the humane and scientific slaughter of animals, including sheep and lambs, were carried out.

#### *Number of Animals Slaughtered :*

Cattle, 1,092 ; Sheep, 11,976 ; Pigs, 3,539 ; Calves, 70.

#### *Meat Condemned :*

Beef, 5,918 lbs. ; Beef Offal, 10,931 lbs. ; Mutton, 1,150 lbs. ; Sheep Offal, 5,911 lbs. ; Calves Offal, 23 lbs. ; Pork, 2,222 lbs. ; Pig Offal, 720 lbs. ; Total : 26,875 lbs.

## BACTERIOLOGICAL EXAMINATIONS.

The following are details of bacteriological examinations carried out during the year in connection with food inspection and the prevention of food poisoning, etc. :

Bacteriological Examination of Milk	...	...	80
Bacteriological Examination of Water	...	...	61
Bacteriological Examination of Ice-cream	...	...	4
Bacteriological Examination of Suspect Foodstuffs	...	...	24

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## WATER AND SEWAGE ANALYSIS.

During 1955, sixty-one samples of water and sewage were taken for either bacteriological or chemical analysis. Thirty-two of these were water and the remaining twenty-six sewage, effluent or river water. The following are details of the results, but I would point out that the main reasons for carrying the majority of the analyses was to trace sources of contamination of surface water springs, and to test the efficiency of small sewage disposal

plants at Põntsarn Hospital and Penoyre. This accounts for the large number of unsatisfactory reports which occurred when the contamination was being traced and the sewage plants were being improved. The series of unsatisfactory bacteriological tests of water samples were the result of extensive sampling of the untreated water storage tank at Penoyre House into which some contaminated surface springs were thought to be emptying. This School is now on the public water supply and its private source of supply is no longer needed.

<i>Sample.</i>	<i>Examination</i>	<i>Satis- factory</i>	<i>Unsatis- factory</i>
River and Spring water	Bacteriological	Nil	3
	Chemical	2	2
Sewage Effluent ... ..	Bacteriological	Nil	7
	Chemical	1	8
Water ... ..	Bacteriological	2	20
	Chemical	8	2

There are approximately fifty dwellings out of a total of over 17,500 houses in the County Borough Area, which by virtue of their inaccessibility or high-lying position are not connected to the public water supply. Regular visits are paid to these houses by the Sanitary Inspectors. The two bacteriological samples of water taken from the public water supply proved to be satisfactory. There are no stand pipes in the County Borough Area.

### PUBLIC SWIMMING BATHS.

Samples of bath water from the three Municipal Swimming Baths were taken during the Summer at the height of the swimming season. All samples were taken during the times that the baths were open and were full of bathers. The results of the samples are :—

<i>Baths</i>	<i>Place of Sampling</i>	<i>Bacteriological Examination</i>
Edwardsville Open Air,	Shallow end	Satisfactory
Treharris ... ..	Deep End	Satisfactory
Gwaunfarren,	Shallow End	Satisfactory
Merthyr Tydfil ... ..	Deep End	Satisfactory
Pant Road, Dowlais ...	Shallow End	Satisfactory
	Deep End	Satisfactory

The Bacteriologist reported that the probable Coliform Bacilli and Faecal Coli Counts were 0 per 100 ml. which shows efficient cleansing by the filtration plant during the most crowded state of the baths.



## RETAIL FOOD SHOPS.

The following are details of the numbers of food shops in the County Borough, sub-divided into various classes. It will be appreciated that there is a tendency for shops nowadays to sell all types and classes of goods instead of specialising in one particular commodity. Thus we find that many butchers sell tinned foods and grocers sell vegetables. In the sub-divisions, certain shops appear in more than one classification if their trade in each commodity is substantial. If, however, an insignificant trade is carried on in a type of commodity, it has been ignored.

Total number of shops concerned with the sale of foodstuffs	...	...	...	...	...	402
Number of parlour-type shops	...	...	...	...	...	161
Number of large and lock-up shops	...	...	...	...	...	241
Sub-division by main trades or commodities :						
Ice-cream vendors	...	...	...	...	...	89
Butchers	...	...	...	...	...	55
Small Goods Manufacturers	...	...	...	...	...	46
Restaurants and Cafes	...	...	...	...	...	24
Fried Fish Shops	...	...	...	...	...	21
Wet Fish Shops	...	...	...	...	...	9
Greengrocers	...	...	...	...	...	36
Bakers and Confectioners	...	...	...	...	...	38

During 1955, one thousand, four hundred and twenty-three visits were made to all premises registered under the Act, which includes Food Preparation Premises and various canteens.

## CONDEMNATION OF FOODSTUFFS.

During the year 1955, the following foodstuffs were found to be unfit for human consumption and surrendered for destruction. The Inspectors pay regular visits to all the various food shops and warehouses in the area. All condemned food is collected in the Department's van and, in the presence of the Inspector, is punctured, in the case of tinned goods or sprinkled with germicide or parafin in the case of unpacked goods, and deposited at the bottom of the Refuse Tip at Twynyrodyn, Merthyr Tydfil. Disposal takes place early in the morning of refuse collection days and the Inspector concerned and the van driver ensure that the tipmen cover it with subsequent loads of refuse. At the end of a day's tipping, the condemned foods are usually covered with at least fifteen tons of refuse. No traders are allowed to dispose of their unfit foods by placing them with the shop refuse bins.

*Tinned Foods :*

Apricots, 76 tins ; Apricot Pulp, 15 tins (150 lbs.) ; Apples, 5 tins ; Beans, 60 tins ; Brislings, 1 tin ; Braised Kidney, 17 tins ; Cooked Ham, 1460 lbs. ; Corned Beef, 439 lbs. ; Chicken, 29 tins ; Crab, 6 tins ; Condensed Milk, 7 tins ; Carrots, 12 tins ; Chicken Soup, 2 tins ; Damsons, 9 tins ; Evaporated Milk, 175 tins ; Fruit Salad, 13 tins ; Figs, 1 tin ; Grapefruit, 21 tins ; Garden Peas, 27 tins ; Irish Stew, 2 tins ; Jam, 3 tins ; Jellied Veal, 7976 lbs. ; Lambs, Tongues, 8 tins ; Minced Meat Loaf, 17 tins ; Macedone, 1 tin ; Milk (Full Cream), 44 tins ; Mushroom Soup, 1 tin ; Oranges, 50 tins ; Ox Tongue, 9 tins (47 lbs.) ; Plums, 92 tins ; Pure Cream, 35 tins ; Pears, 181 tins ; Pineapple, 210 tins ; Pork Brawn, 7 tins ; Pork Luncheon Meat, 226 tins ; Peaches, 145 tins ; Processed Peas, 178 tins ; Prunes, 1 tin ; Pilchards, 11 tins ; Rice Pudding, 2 tins ; Raspberries, 1 tin ; Soups, 96 tins ; Strawberries, 21 tins ; Stewed Steak, 89 tins ; Salmon, 30 tins ; Sausage, 2 tins ; Spaghetti, 15 tins ; Sardines, 2 tins ; Steak and Onions, 1 tin ; Stuffed Pork Roll, 2 tins ; Tomatoes, 1213 tins ; Tuna Fish, 2 tins ; Tomato Soup, 148 tins ; Tomato Juice, 1 tin ; Various Baby Foods, 4 tins.

*Fruit and Vegetables :*

Apricots, 10½ lbs. ; Apples, 6400 lbs. ; Bananas, 600 lbs. ; Coconut, 17 lbs. ; Carrots, 330 lbs. ; Ground Almonds, 7 lbs. ; Prunes, 8774 lbs. ; Mushrooms, 2½ lbs. ; Roast Almonds, 36 boxes.

*Poultry, Fish, Meat and Frozen Foods :*

Bacon, 11 lbs. ; Chickens, 14 lbs. ; Cured Herrings, 14 lbs. ; Cod Fillets, 28 lbs. ; Frozen Egg, 1180 lbs. ; Frozen Albumen, 1226 lbs. ; Home Killed Beef, 1850 lbs. ; Home Killed Lamb, 161½ lbs. ; Peas, 36 pkts. ; Frozen Fillets, 6 pkts. ; Prawns, 7 lbs. ; Kippers, 42 lbs. ; Shrimps, 7½ lbs. ; Sausage, 29 lbs. ; Pork, 179 lbs. ; Pork Pies, 9.

*Bottled and Preserved Foods :*

Blackcurrant, 11 jars ; Bilberries, 9 jars ; Beetroot, 8 jars ; Calves Foot Jelly, 33 jars ; Cordials, 7 bottles ; Fish Paste, 2 pots ; Honey, 6 pots ; Jams, 2 pots ; Meat Paste, 28 pots ; Syrup, 4 jars ; Horseradish Sauce, 9 pots ; Mixed Pickles, 1 pot ; Lemon Curd, 1 jar ; Marmalade, 1 jar ; Tomato Sauce, 1 bottle ; Pickled Cabbage, 7 jars ; Salmon Spread, 2 jars.

*Packed Foods :*

Drinking Chocolate, 21 tins ; Cheese, 6 boxes and 138 lbs. ; Flour, 92 lbs. ; Corn Flakes, 17 pkts. ; Puffed Wheat, 2 pkts. ; Porridge Oats, 2 pkts. ; Lemon Barley, 4 pkts. ; Baking Powder, 2 pkts. ; Chocolates, 3 boxes ; Various Confectionery, 24 lbs. ; Custard Powder, 36 lbs. ; Butter, 26 lbs.

## FOOD AND DRUGS ACTS FERTILIZERS AND FEEDINGSTUFFS ACT.

The following details of samples submitted under the above Acts have been supplied by the Public Analyst for the County Borough of Merthyr Tydfil, D. Evans Jones, Esq., M.Sc., F.R.I.C.

### Food and Drugs Acts :

#### 1. Formal Samples :

- (a) *Milk.* Seventy-one formal samples of milk were taken during the year and all were found to be genuine.
- (b) *Margarine.* One sample of margarine taken for formal analysis was reported genuine.
- (c) *Lard.* One sample of lard was taken and reported genuine.
- (d) *Icecream.* Four formal samples of Icecream were taken during the year and were all reported genuine.
- (e) *Sausage.* Eight formal samples of sausage were taken and found genuine.

#### 2. Informal Samples :

<i>Commodity.</i>					<i>Number Taken.</i>	<i>Number Genuine.</i>
Butter	...	...	...	...	3	3
Blancmange Powder	...	...	...	...	3	3
Butter Beans	...	...	...	...	1	1
Beer	...	...	...	...	3	3
Baking Powder	...	...	...	...	2	2
Break fast Spread	...	...	...	...	1	1
Bread	...	...	...	...	1	— (a)
Candied Peel	...	...	...	...	2	2
Coffee Spread	...	...	...	...	1	1
Cake Mixture	...	...	...	...	28	24 (c)
Corn flour	...	...	...	...	5	5
Canned Soups	...	...	...	...	4	4
Canned Meat Roll	...	...	...	...	1	1
Canned Carrots	...	...	...	...	1	1
Cheese	...	...	...	...	1	1
Cocoa	...	...	...	...	1	1
Custard Powder	...	...	...	...	3	3
Canned Vegetables	...	...	...	...	15	15
Canned Fruit	...	...	...	...	1	1
Canned Tomato Juice	...	...	...	...	1	1
Coffee	...	...	...	...	1	1
Cooking Fat	...	...	...	...	2	2
Canned Lobster	...	...	...	...	1	1
Dried Peas	...	...	...	...	7	6 (b)
Dessert Powder	...	...	...	...	3	3
Dessicated Coconut	...	...	...	...	2	2
Fish Paste	...	...	...	...	2	2
Ground Rice	...	...	...	...	1	1

Ground Mace ... ..	1	1
Ground Cinnamon ... ..	2	2
Ground Nutmeg ... ..	2	2
Ground Ginger ... ..	1	1
Ground Almonds ... ..	1	1
Haricot Beans ... ..	1	1
Instant Whip ... ..	1	1
Jams ... ..	9	9
Jelly Products ... ..	18	18
Lentils ... ..	2	2
Lemon Powder ... ..	1	1
Lard ... ..	1	1
Milk ... ..	20	20
Macaroni ... ..	1	1
Mint ... ..	1	1
Meat Pies ... ..	3	3
Mustard ... ..	3	3
Marmalade ... ..	1	1
Margarine ... ..	4	4
Meat Paste ... ..	1	1
Oatmeal ... ..	1	1
Orange Drink ... ..	1	1
Noodles ... ..	2	2
Peanuts ... ..	1	1
Pearl Barley ... ..	3	3
Pepper ... ..	1	1
Parsley ... ..	1	1
Pie Filling... ..	1	1
Plain Flour ... ..	4	4
Rice ... ..	5	5
Sago ... ..	2	2
Split Peas ... ..	2	2
Self Raising Flour ... ..	11	11
Shredded Suet ... ..	1	1
Soft Drinks ... ..	13	13
Sage ... ..	2	2
Semolina ... ..	6	6
Tapioca ... ..	5	5
Thyme ... ..	1	1
Vinegar ... ..	1	1
Arrowroot ... ..	3	3
Bicarbonate of Soda ... ..	10	10
Cream of Tartar ... ..	2	2
Epsom Salts ... ..	4	4
Isinglass ... ..	1	1
<b>Total Informal Foods &amp; Drugs ...</b>	<b>256</b>	<b>250</b>

(a) The sample of bread was found to contain iron rust.

(b) The sample of dried peas showed past insect infestation.

(c) The samples of Cake and Sponge Mixtures were infested with meal mites.

## FERTILIZERS AND FEEDING STUFFS ACT 1926

Of the thirty samples taken informally under the Fertilizers and Feeding Stuffs Act 1926, thirteen were fertilizers and seventeen were feeding stuffs. The following are details of the analyses :—

	<i>Fertilizers</i>		<i>Feeding Stuffs</i>
a. Number of Informal Samples taken ...	13		17
b. Number reported as being satisfactory ...	13		9
c. Number reported as being below the prescribed limit but not to the prejudice of the purchaser ...	Nil.		7
d. Number reported as being above the prescribed limit but not to the prejudice of the purchaser ...	Nil.		1
e. Number reported as being below the prescribed limit and to the prejudice of the purchaser ...	Nil.		Nil

## INSPECTION OF PLACES WHERE FOOD IS PREPARED AND SOLD.

**ICE-CREAM.** In the County Borough Area, there are twelve manufacturers of ice-cream, all of whom are also registered for the sale of ice-cream. In addition, there are seventy-eight retailers of ice-cream, making a total of eighty-nine dealers in ice-cream. With the exception of a few small manufacturers who use the "cold mix" process, all manufacturers possess fully equipped dairies and the ice-cream is properly processed in accordance with the Ice-cream (Heat Treatment) Regulations, 1948. These dairies are regularly inspected by the Sanitary Inspectors and a high standard of cleanliness is maintained.

**RESTAURANT KITCHENS.** Including licensed premises where food is prepared, there are 72 in the Borough, of which 18 are factory canteens, 38 school canteens and 2 colliery canteens.

**FISH-FRYING AND CHIP POTATO SHOPS.** There are 21 in the Borough, and these are regularly visited by the Sanitary Inspectors, who report favourably as to their conditions and absence of nuisance.

**BAKEHOUSES.** Forty-two premises were in use during the year, including one certified underground bakehouse. Two hundred and eighty-three visits were made during the year; notices of repairs and lime-washing, etc., were served. The conditions generally were satisfactory.

**BUTCHERS.** Small goods, including brawn, polonies, pies, faggots, etc., were prepared at 46 butchers' establishments. At the butchers' establishments the work carried out in a special room, and electric power is available. All the premises are regularly visited by the Inspectors, and the conditions found to be satisfactory.





